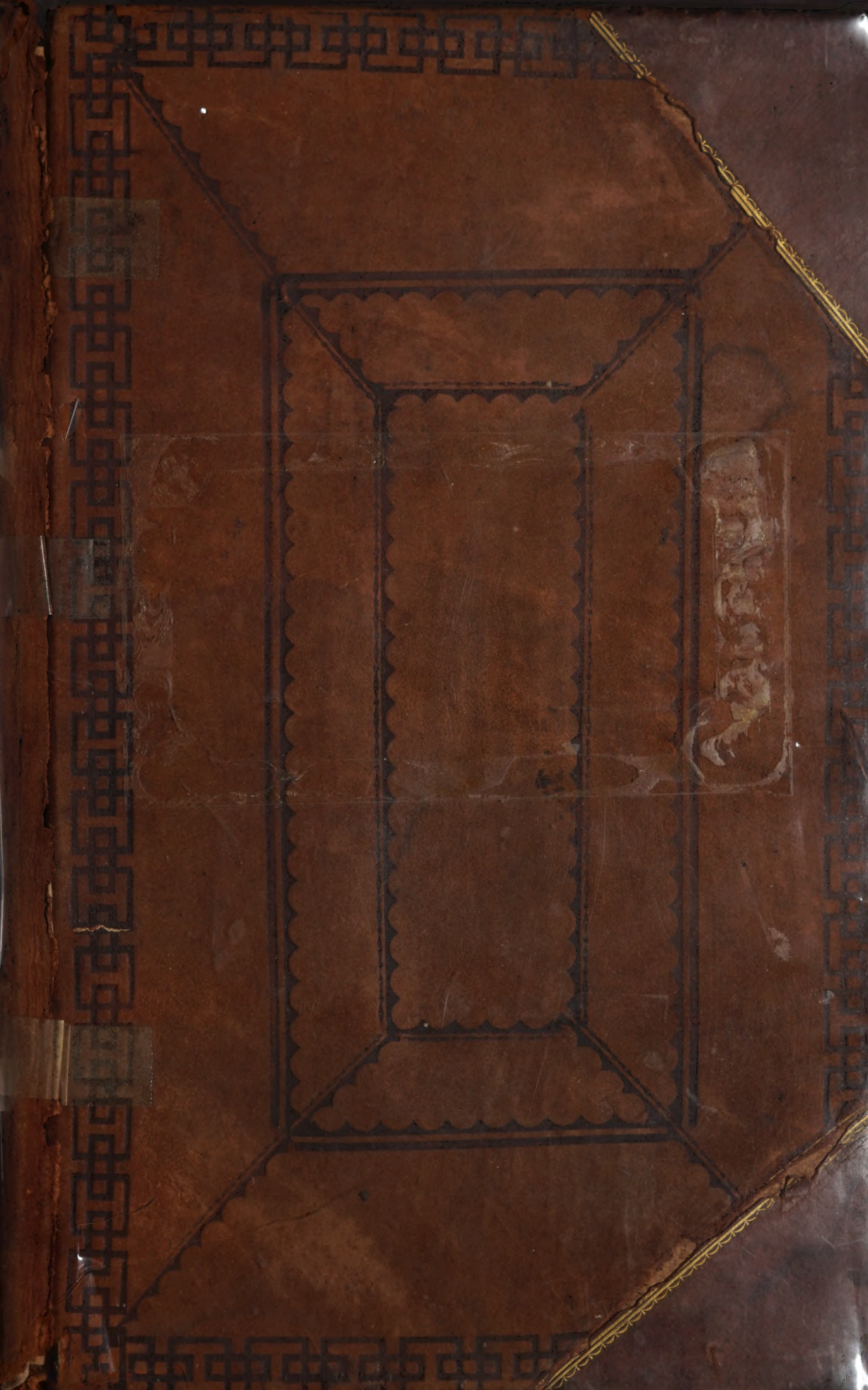




986



Log
Whaling Ship - "Bengal"
from Salem, Mass - Dec. 4, 1837
to New Holland - (Australia)
1837 - 1839

Also - "Ledger. 1840, etc.

Farm. Log - 1858 - 1866

SSS

CHU
OCT

1

14

4

St. Louis

From February 1854
to April 1854

to March 1854
January 12 1854

March 19 1854



William Powell Lawrence

Hand in Henry D. W.

101

d

2 a

leg

words

ail

etna

and

66
last part light and cloudy with
Rain latt by O B S Long

Thursday December the 7 1837
Remarks on board Ship Beagall

32 days from Saltoad

these 24 hours begins light winds
and cloudy weather fore and
maine topgallantsail and single
reefed in the topsail the Whatch
employed in the Kiggie wind by C
last part light winds and cloudy weather
Shook out the Kieps out of the fore and
maine topsails latt by O B S Long

32 days from Saltoad
Thursday December the 8 1837

Remarks on board the Ship Beagall
these 24 hours begins with light
winds and pleasant weather set
the fore and maine topgallantsails
and flying jib and on board the
mizen topgallantsail
middle part fore Breeses and
cloudy weather fly jib and fore
and maine topgallantsails
last part fore Breeses and Squally
weather double Reefed the fore and
maine topsails the Whatch
employed in making Seavallowing
the wind C by S
latt by O B S Long

Friday December the 9 1837

Remarks on Board Ship Bengal

33 days from Salem

these 24 hours begins with

and cloudy weather

ends the same

ry Yard

ractical

where

able to

ashes

ording

The ashes must be

stoves daily, and the

is a good place to put

preserving the manure

keep the house free from

when no coal is used for
purposes and not enough
ashes made at home for all the drop-
pings, dry loam from the garden can
be used and the droppings applied to
the land as fast as they accumulate.
One advantage of using coal ashes
and other absorbents for manure
is that in applying it there will be
little danger of over fertilizing.
Pure, clean water is an absolute
necessity that too often is neglected.
It contains such a very large
quantity of water that we ought to re-
fresh them without this most ne-
cessary element. Change the drink-
water frequently and keep all vessels
used for the purpose perfectly clean
at all times.

Milk contains all that beef scraps
green cut bone does, but in a more
luted form, and it is highly digestible
and no digestive troubles arise from
either old or young chickens con-
suming large quantities of it.

The poultryman must be espe-
cially watchful of dampness in the
for poultry at this particular
It may even creep up through
if a proper drainage system
maintained. Small leaks in
and mist blowing from the
cracks and crevices are
and very detrimental
ness. In the
fully exposed
is liable

Saturday December the 10 1837

Remarks on board The Ship

34 days from Salem

these 24 hours begins with

and cloudy weather

ends the same

11 p.m. weary

Barometer by F & B

Sunday December the 11 1837

Remarks on board The Ship

these 24 hours commences with

rain the wind S. S. E.

middle part light wind

weather with rain

last part the same

Shook yont the Reefs of the fore and

main topsails and set the main

35 days from Salem

Monday December the 12 1837

Remarks on Board The Ship Bengal

these 24 hours begins with fresh breeze

and squally weather took in the main top

these 24 hours ends the same

Monday the 13 1837 December

Remarks on board the Ship Bengall
36 days from Salem

these 24 hours begins with fine breezes
and Squally weather at 9 A m took
Double reefed the fore and main topsails
middle part the same latter part
moderating with Squally Appearances
Shook the Reefs out of topsails
Latt By O B S Long

Tuesday December the 14 1837

Remarks on board the Ship Bengall
37 days from Salem

these 24 hours begins moderate
breezes and Squally weather
took in the main topgallant sail
middle part fine weather
Last part fine weather at 2½ Set
the fore main and main topgallant sail
and fly jib
Latt By O B S Long

Wednesday December the 15 1837

Remarks on board the Ship Bengall
38 days from Salem

these 24 hours begins with Light
winds and pleasant weather Saw some
porpoises standing to the Southward
middle part fine and pleasant weather
Last part pleasant fine and pleasant
weather
Latt By O B S Long

Thursday December the 16 1837

Remarks on Board the Ship Bengall
39 days from Salem

These 24 hours begins with light winds
pleasant weather
middle part the same
last part fine and pleasant weather
the watch employed on Ships Duty
Lath by O B S Long

Friday December the 17 1837

Remarks on Board the Ship Bengall
40 days from Salem

These 24 hours commences with light
winds and pleasant weather
middle part the same
last part fine and pleasant weather
the watch employed on Ships Duty
Lath by O B S Long

Saturday the 18
Remarks on
41 days from
These 24 hours
commences with
pleasant weather
middle part the same
last part fine and pleasant weather
the watch employed on Ships Duty
Lath by O B S Long

FRESH CUT RAW BONE
A poultry keeper who is
very successful in getting
lay in winter credits his success
fresh cut bone and says: "I make my hens lay
winter than in summer. I know an instance of a
owning seventy hens that averaged
during February from forty to
eggs a day, and some days he
high as fifty-eight eggs."
"I have kept a careful cost
now that a yard of six
his can more than pay
to a bone cutter during
months when chickens
ing fresh cut raw bone
can be cut in two
and important, the
laying condition
is like an extra
advertisement
no doubt that cut
class egg-laying
farmer.

Sunday December the 19th 1837

Remarks on Board the Ship Bengall
42 Days from Salem

this 24 hours begins with Light winds
and pleasant weather at 3 Pm set
the foretopgallant sail and shook out the reef
out of the mizen top sail
the Larboard maine topgallant brace fastened
Last part pleasant weather

Monday December the 20th 1837

Remarks on board the Ship Bengall

43 days from Salem

this 24 hours begins with light winds
and pleasant weather Sail at 8 o'clk
standing to the N^W with west
the Chief mate floyed to the whatch
employd in fitting the cutting blocks and falls
Last part pleasant weather

Tuesday December the 21st 1837

Remarks on Board the Ship Bengall

44 days from Salem

this 24 hours begins with fresh breezes and
pleasant weather at 7 Pm were fore
topgallant braces at 3 Pm Sail Whales
at 3 1/2 Pm were maine topgallant braces
the whatch employd in work in the Rig in
the Chief mate floyed to the

Joseph wedwood Say Whales fore prints
on the weather bow
middle part fine weather
Last part the Same
Lat by O & S Long

Tuesday December the 22th 1837

Remarks on Board the Ship Bengal
45th days from Salem
these 24 hours begins with Light winds
The Whistle striped in work in the Rigger in
Middle part the Same
Last part pleasant weather
Sant 80 long Standing a Northeast
Lat by C B S Long

Wednesday December 22th 1837

Remarks on Board the Ship Bengal
46th days from Salem
these 24 hours begins with light winds
and pleasant weather
Middle part pleasant weather
Last the Same
Lat by C B S Long

Thursday December the 23th 1837

Remarks on Board the Ship Bengal
47th day from Salem
these 24 hours begins with Light
winds and pleasant weather
Middle part the Same
Last part the Same Sant 80 long
Standing Northeast
Lat by C B S Long

Thursday December the 23rd 1837
Remarks on board the Ship Bengal

Friday December the 23rd 1837

Remarks on board the Ship Bengall
48 days from Salem

This 24 hours begins with Light W^{ind}
and pleasant weather

Middle part fresh breezes and pleasant weather

Last part S^{qually} Appearances the
Whetoh employed in tuning in the fore

Rigging

L^{ast} by C B S Long

Saturday December the 24th 1837

Remarks on board the Ship Bengall
49 days from Salem

This 24 hours begins with fresh breezes
and pleasant weather The Whetoh

employed in work in the Rigging

Middle part the same

L^{ast} part the Waist Boat went on shore

" on forward and got some fish

L^{ast} by C B S Long

Sunday December the 25th 1837

50 days from Salem

This 24 hours begins with Light W^{ind}
and pleasant weather at 9 A^m took
in the fly jib

Middle part the same

Last part S^{qually} Appearances

At 6 p^m set the fly jib and fied in
S^{outh} But with water

The Whetoh employed work in the rigging

Monday December the 26th 1837

Remarks on board the Ship Bengal

51 Days from Salem

This 24 hours begins with fresh Breezes and pleasant weather

Middle part the same

Last part Light winds and pleasant weather the Watch Employed in Ship's Duty
Latt by C B S Long

Tuesday December the 27th 1837

Remarks on board the Ship Bengal

52 days from Salem

This 24 hours begins with Light winds and pleasant weather

Sent down the main Reel mast and top galant yard and mast and top mast and made down the trees and sent up mast and set up the Rigger
Latt by C B S Long

Wednesday December the 28th 1837

43 Remarks on board the Ship Bengal
days from Salem

Commences with moderate weather

At 4 P.M. Lowered three Coats to Exercise the Crews

Middle part moderate weather

Last part the same

Thursday December the 28th 1837

Remarks on board the Ship Bengall
49 days from Salem
Begins with Light winds and pleasant
All hands employed in sending up the
Maine topmast Rigger at 4 Set the maine
top sail at 5 Set maine topgallant Sail
Middle part fine weather
Last part the same Sent down the
the fore and main Royal mast

Friday December the 29th 1837

Remarks on board the Ship Bengall
54 days from Salem
Begins Light winds and pleasant
Weather at 6 pm fly jib fore
and maine topgallant Sail
Middle part fresh breezes and cloudy weather
Last part Rainy weather
the watch employed in ships duty

Saturday December the 30th 1837

Remarks on board the Ship Bengall
55 days from Salem
Begins with fresh breezes and Rain
at 5 Am folded the fore and
main top sail jib and main sail
and Shaken the foretop mast Stale
bellyards hauled and folded the
fore top mast Stale
Middle part fresh breeze and Rain
Last part fresh breeze and pleasant weather
at 5¹/₂ pm Set the fore and main
top sail at 7 pm Close Reefed the fore and
main top sails and Set the fore Spencer
Luff by OBD Lug

29

Friday December the 31th 1837

56 Remarks on board the Ship Bengall
day from Salem
begins with fresh breezes and pleasant
weather the Whaler employed in making Sineet
middle part fresh Breeze and cloudy weather
last part the same the Whaler
employed in Ships Party
Left by C B F Long

Saturday January the 1th 1838

57 days from Salem
begins with fresh gales and cloudy weather
middle part the same
last part fresh Breeze and pleasant
saw a Ship standing to the South
set the fore main sail and Spunker and set
the Leafs out of the fore main and main
top Sails and set the main topgallant Sail

Sunday January the 2th 1838

58 Remarks on board the Ship Bengall
day from Salem
begins with fresh Breezes and cloudy weather
at 6 am saw Joseph Malwood raised
Whales and Lured away two boats and
the Labourer Boat got out to the whale
and galed him and did not catch that whale
middle part the same
last part at Sun down Double Reefed
the top Sails at 6 point wind sail
saw some fine Birds

Friday January the 3th 1838

Remarks on Board the Ship Bengal
59 Days from Salem

Begins with light winds and pleasant weather

middle part the same

At 6 pm a ship bore points of the Lee boat and ran down the

Santo - Nagas harbor ten Whales

Six months out & Johnson went on board

She was striking out oil

Thursday January the 4th 1838

Remarks on board the Ship Bengal

60 days from Salem

this 4 hours begins with stiff breezes and heavy weather foggy middle part the same

Said at sail on the lee bow at 7

and went on board she proved

to be the Ship Thore off Saghaa ten

6 months 10 Whales got some oil

latter part raining weather

Friday January the 5th 1838

61 days from Salem
Remarks on Board the Ship Bengal
begins with stiff breezes and cloudy
see a plenty fin Bucks and
mice whales there

middle part disagreeable weather
last part the same at 10 2 sails
in sight to the Leeward ^{at 11} took the fore
and mizen & top sails and at 11:30
spoke the Ships

Saturday January the 6th 1838

62 days from Salem
Remarks on Board the Ship Bengal

begins with fresh Breeze and Rainy
Weather at 1 pm took in the gill
and Double Reefed the fore maine
and mizen top sails and furlled the
mainsail at 6 pm took in the fore and
mizen top sails and set the fore Spruce
at 7 pm took in the fore Sail
middle part the same

Later part fresh Breezes and Cloudy
weather at 11 30 ^{pm} saw whales
and Land the Larkland boat and
wist Boat the Larkland Boat
got fast to a large whale
and lost his line and did not ^{bring} get
let the Reefs out of the top sails
and set the maine top ~~gossail~~ sail

Sunday January the 7th 1838

63 Remarks on board the Ship Bengal
days from Salem
begins with Light winds and pleasant
weather at Sundown took in Sail
for the night the morning made sail
whales in sight Landed the Larboard
+ St Boat at 9 AM Came on Board
this ship to Windward of Whaling
Latter part Light Winds and Pleasant

Monday January the 8th 1838

64 Remarks on board the Ship Bengal
days from Salem
begins with Light winds and pleasant
weather day Light Sail of ship to
Leward at 9 AM Landed the
Larboard and Waist boat
did not catch that whale
made part the same
at 1 PM Landed the Larboard St Boat
Came on board at 2 30 PM
At 3 15 PM Landed the three boats
and came on board at 4 PM
the Lucury got to whale to Windward
last part fine weather
at Sundown took in Sail for the night

Tuesday January the 9th 1839.

65 Remarks on board the Ship Bengal
days from Salem This day commences
with Light winds and pleasant weather

29

Tuesday January the 9th 1838

65 Remarks on Board the Ship Bengall
days from Salem
this day begins with light breezes
and pleasant at Ship hove in sight
at Catting in a whale
at 7 P.M. took in sail for the Night
Middle part light breezes and pleasant
next morning made all sail
two Ships in sight Cruising for whales

Wednesday January the 10th 1838

66 Remarks on board the Ship Bengall
days from Salem
begins with light breezes and pleasant
weather the Watch employed in
Ships duty
Middle part the same
Last part light winds and
pleasant weather saw Whales a head
and Tored at 11 P.M. and proved to
be finbacks the boats came on
Board at 12 P.M.
Left by O.B.S. Long

Thursday January the 11th 1838

67 Remarks on board the Ship Bengall
days from Salem
begins with light breezes and pleasant weather
fin backs Whales in sight
Middle part the same
After part the same the Watch employed
in Ships duty
Set the fore top mast Studding sail
and Rove new fore trowsers

Friday, January the 12th 1838

Remarks on board the Ship *Bengall*
68 days from Salem
begins with Light Breezes and pleasant
weather Steering E by South
middle part fresh Breezes and pleasant
last part the same

The watch employed Ships duty
Last by C B S Long

Saturday January the 13th 1838

Remarks on board the Ship *Bengall*
69 days from Salem

begins with Light Breezes and
pleasant weather the Ship Steering
E by South

middle part fresh Breezes and pleasant
last the same

The watch employed in Ships duty
Last by C B S Long

Sunday January the 14th 1838

Remarks on board the Ship *Bengall*
70 days from Salem

begins with fresh gales and
cloudy weather At 1 p.m. took
in the fore top most Studding Sail
middle part the same

Last part fair Breezes and cloudy
weather with rain took in the fore
and main top galant sails the wind
hauled round S W

Monday January the 15th 1838

Remarks - on board the Ship Bengal
77 days from Salem -
Begins with Light Breezes and pleasant
Weather cloudy and cold weather
Middle part the same
Last part pleasant
the Watch employed in Ships duty said
At 1 Pm Sailed on the fore top mast Studding

Tuesday January the 16th 1838

Remarks on board the Ship Bengal
78 days from Salem
begins with Light Breezes and pleasant
Weather the Watch employed in Ships Duty
Middle part the same
Last part fine weather
Ship Steering E S E
Sailed by C B S

Wednesday January the 17th 1838

Remarks on board the Ship Bengal
79 days from Salem
begins with Light Breezes and
pleasant Weather
Middle part the same
Last part fresh Breezes and pleasant
the Watch employed in Ships Duty
Sailed by C B S Long

C Jackson Ship Bengall Bound to the Indies

Thursday January the 18th 1838
73 days from Salem

Begins with heavy gales and cloudy weather took in the Spanker and mizen top of sail took in the fore top of sail put two reefs in the Mizen top sail At 6 30 Am took in the fore and mizen top sails and closed Reefed the main top sail middle part fresh breezes and Rainy weather

Last part Rainy weather the wind hauled S S W

At 7 30 pm Set the fore and mizen top sails Double Reefed

At

Friday January the 19th 1838
Remarks on board the Ship Bengall
74 days from Salem

Begins with fresh breezes and pleasant

At 3:30 Am Shook out the Reefs of the top-sails and Set the Main top of sails and the Main Sail Middle part the same At 10 Am took the main top of sail

Last the same Set the fore and Main top of sails

In the eve C B S Long

325

Ship Bengall Bound to the Port of

Saturday January the 20th 1838

Remarks on Board the Ship Bengall
75 Days from Salem

Begins with Light Breezes and
pleasant weather

At 1-30 Am Set the fore top mast
Studding Sail

The Watch employed in Ships Duty
Middle part Light Breezes
And pleasant weather

Last part Light Breezes And cloudy
weather At 5 pm Set the fore
top mast Studding Sail
The Watch employed in Ships Duty

Sunday January the 21st 1838

Remarks on Board the Ship Bengall
76 Days from Salem

Begins with Light Breezes And pleasant
weather

Middle part Light Breezes And pleasant
weather Breeze weather At 3-30 Set

the fore top mast Studding Sail
Last part the same

Monday January the 22nd 1838

Remarks on board the ship
begin at 77 days from Salem

This day begins with light
winds & pleasant weather

Middle part same

latter part Cloudy with
a smart breeze from N.W.

Ship Bengall Bound to the S. Oron

Monday January the 22th 1838

Remarks on board the Ship Bengall.

77 Days from Salem

Begins with fresh Breezes And cloudy
 Weather At 3 Am Took the fore And main
 top & sail At 5 Am took in the
 mainsail At 8 ~~took~~ in the 1st and
 Double the fore And main top Sails
 And close Reefed the main top sail
 Middle part fresh Breezes And
 cloudy weather

Last part the Same At 4 30 Set the
 Boats out of the topsails And set the
 1st and Mainsail At 5 pm
 Set the fly 1st and fore and main
 top & sails And set the fore top Mast
 Studding Sail Ship Steaming S E by E
 the Watch employed in Ships Duty

Tuesday January the 23th 1838

Remarks on board the Ship Bengall

78 Days from Salem

Begins with Light Breezes And
 cloudy weather

Middle part the Same

Last part fresh Breezes And cloudy
 weather the Watch employed
 in Ships Duty

Thursday January the 25 1838

Remarks on board the Ship Bengall 80
Days from Salem

Begins with light Breezes and cloudy
 weather Middle part the same
 Latter part

Ship Bengall Bound to the Ictien

79
Days
from
Salem

Thursday January the 24th 1838
Begins with fresh Breezes And weather
cloudy weather 130. Took in the fly
jib And Mizzen top & sail at 15:50 Am
Took in the fore top & sail
Middle part the same
Last part Light Breezes And
cloudy weather at 6 pm set the fly
jib And Mizzen top & sail And fore
top mast Sudding Sail
The sketch enclosed in Ships Duty

Friday January the 25th 1838
Remarks on Board the Ship Bengall
80 Days from Salem
Begins with Light Breezes
And pleasant weather
Last part the same
fin Back Spontray

Saturday January the 26th 1838
Remarks on Board the Ship Bengall
81 Days from Salem
Begins with Light winds And pleasant
weather
Middle part the same
Last part the same The sketch
Enclosed in Ships Duty

25
25

Ship's Log Bengal Bound to the Port of Calcutta

Saturday January the 27th 1838

Remarks on Board the Ship Bengal

82 Days from Salem

Begins with Light Breezes And pleasant
Weather the 1st Watch Employed in
Ship's Duty
Last part the Same

Sunday January the 28th 1838

Remarks on Board the Ship Bengal

83 Days from Salem

Begins with Light Breezes And
pleasant Weather
Last part the Same

Monday January the 29th 1838

Remarks on Board the Ship Bengal

84 Days from Salem

Begins with Light Breezes And pleasant
Weather Middle part the Same

Tuesday January the 30th 1838

Remarks on Board the Ship Bengal

85 Days from Salem

Begins with fresh Breezes And
Cloudy weather

Middle part the Same

Last part At 5 pm Double

Reefer the top Sails

And hauld the fore And main
top Sails

Ship Bengal Bound to the I. O. C.

Wednesday January the 31th 1838
Remarks on Board the Ship Bengal
26 Days from Salem
Begins with fresh Breezes And
Cloudy Weather At 1 P.M. Double
Reefed the fore topsail And pulled
the Mizzen Band forward the
Mainsail Stearing E S E

Thursday February the 1st 1838
Remarks on board the Ship Bengal
26 Days from Salem
Begins with fresh Breezes And
Cloudy Weather At 9 P.M. Set
gill And mainsail And Mizzen
top sail At 2 P.M. Let the Reefs
out of the topsails And Set the fly
gill And fore And main top 4 Sails
At 6 P.M. Let the fore top Mast
Shoulder, Sail the Watch Employed
in Ships Duty

Friday February the 2nd 1838
Remarks on Board the Ship Bengal
27 Days from Salem
Begins with Light Winds And pleasant
Weather Middle part the same
Last part the same
The Watch Employed in Ships
Duty

Ship Bengal in the Station And

Saturday February the 3rd 1838

Remarks on Board the Ship Bengal

88 Days from Salem
 Begins with Light Breezes And Cloudy
 Weather Middle part the same
 Last part fresh Breezes And Slightly
 weather by S
 the Watch employed in Ships Duty

Sunday February the 4th 1838

89 days Begins with Light Breezes from the
 S. E by S Middle part the same
 the Watch employed in Ships Duty
 Last part fine Weather
 Lat by O B S 37-10 Long

Monday February the 5th 1838

Remarks on Board the Ship Bengal

90 Days from Salem
 Begins with Light Breezes And
 pleasant Weather
 Middle part Calm
 Last part Light Breezes And pleasant

Tuesday February the 6th 1838

Remarks on Board the Ship Bengal

92 Days from Salem
 Begins with Light Breezes And pleasant
 Weather the Watch employed in
 Ships Duty
 Last part Saw a plenty of
 fin birds

Ship Bengal in the Indian Sea
 Wednesday February the 7th 1838
 Remarks on Board the Ship Bengal
 93 Days from Salem
 Begins with Light Breezes And pleasant
 Weather Middle part the same
 Last part fresh Breezes And cloudy
 Weather the Watch Employed in
 Ships Duty

Thursday February the 8th 1838
 Remarks on Board the Ship Bengal
 94 Days from Salem
 Begins with fresh Breezes And
 cloudy Weather
 Middle part the same
 Last part Light Breezes And
 foggy Weather At 5 pm Let the
 Reefs out of the fore And main
 Topsails Set the 4th And Spanker
 And so these 24 hours ends

Friday February the 9th 1838
 Remarks on board the Ship Bengal
 95 Days from Salem
 Begins with Light Winds And
 foggy Weather
 Middle part the same
 Light part fresh Breezes And
 foggy Weather
 And so these 24 hours ends

Ship Bengal from Salween

Saturday February the 10th 1838
Remarks on Board the Ship Bengal
93 Days from Salween

this Day Begins
this day Begins with fine Breezes and
pleasant Weather

Middle part Strong Breezes took in
the flying jib At 3 o'clock took in the
top & Sails and Single Reefed the
Main top Sails

Latter part Strong Breezes and pleasant
Double Reefed the top Sails

At 6 A.M. Let the Reefs out of the top Sails

Sunday February the 11th 1838
Remarks on Board the Ship Bengal
94 days from Salween

Begins with fine Breezes and pleasant
Weather at 8 A.M. Let the fore top Mast
Studding Sail Middle part fresh Breezes
at 11 30 pm took in the fore top mast
Studding Sail and the top & Sails
at 2 pm fresh Breezes and Rainy Weather
took in the jib and Spanker and
Double Reefed the top Sails
at 6 pm the jib and Spanker
and so this 24 hours ends

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Towards the Andaman Islands

Sunday February the 12th 1838
 Remarks on Board the Ship Bengal
 95 Days from Salween
 Begins with Light Breezes and
 cloudy weather
 Middle part the same
 at 130 pm set fly jib and fore
 and mizen top & sails.
 Last part Light Breezes and
 pleasant weather the Whatch
 employ'd in ships Duty

Monday February the 13th 1838
 Remarks on Board the Ship Bengal
 96 Days from Salween
 Begins with Light Breezes and
 pleasant weather Saw three or
 four Whales ahead
 Latter part the same

Tuesday February the 14th 1838
 Remarks on Board the Ship Bengal
 97 Days from Salween
 Begins with Light Breezes
 and pleasant weather
 Middle part the same
 Latter part the same

Ship Bengal from Salem
 Wednesday February the 15th 1838
 Remarks on Board the Ship Bengal
 98 Days from Salem
 Light Breezes and pleasant weather
 Middle part the same
 And so ends these twenty four hours

Thursday February the 16th 1838
 Remarks on Board the Ship Bengal
 99 Days from Salem
 Begins with light breezes and pleasant
 weather At 8 am took in the
 fly jib and mizen top of sail
 Middle part the same
 Latter fresh breezes and pleasant
 weather E S E
 and so these 24 hours ends

Friday February the 17th 1838
 Remarks on Board the Ship Bengal
 100 Days from Salem
 Begins with light winds and pleasant
 weather Middle part the same
 Latter part fine weather

Saturday February the 18th 1838
 Remarks on Board the Ship Bengal
 101 Days from Salem
 Begins with light breezes and cloudy
 weather Middle part the same
 Latter part saw five birds and
 kettles

in the Indian Ocean

Sunday February the 19th 1838
 Remarks on board the Ship Bengal
 104 Days from Salem
 Begins with Light Breezes
 and pleasant weather
 Middle part took in the fly jib
 fore and main Mizen
 top & Sails

Latter part fresh Breezes and
 cloudy weather at 9 pm
 Double Reefed the top Sails
 Saw fin and hump Backs

Monday February the 20th 1838
 Remarks on Board the Ship Bengal
 105 Days from Salem
 Begins with fresh Breezes and
 cloudy weather Middle part the same
 Latter part at 11 pm took in the
 jib and main Sail and Spanker
 and so these 24 hours ends

Tuesday February the 21st 1838
 Remarks on board the Ship Bengal
 106 Days from Salem
 Begins with fresh Breezes and pleasant
 at 6.30 pm took in Sails for
 the Night Latter part the same

Ship Bengal from Salem
 Wednesday February the 21st the 1838

Remarks on Board the Ship Bengal
 107 Days from Salem

Commenced with Strong Breezes and pleasant
 Weather at 3 o'Clock took in the
 fore top Sail at sundown wore the
 Ship too for the night
 Middle and Last part Strong Breezes
 and passing clouds

108 Days Remarks on Thursday 22 February 1838
 this day Begins with Strong
 Breezes and pleasant Weather
 Middle part Strong gales and Squally
 Weather Last part the Same

109 Days Remarks on Friday 23 February 1838
 this day Begins with heavy gales
 and passing clouds
 Middle and Latter part the Same

110 Days Remarks on Saturday 24 February 1838
 Begins with Strong gales and
 passing clouds
 Middle part the Same Morning Mist Sail
 set the fore Sail and fore and main
 top Sails ends with fine Breezes and pleasant

111 Days Remarks on Sunday 25 February 1838
 this day Begins with fine Breezes and
 cloudy Weather Middle part the Same
 Latter part the Same

43
1838

In the India Chero

1012 Days Remarks on Monday 26 February
 This day Begins with Light Breezes
 and pleasant Weather Middle part the
 same at Sundown took in Sail
 for the Night Morning made Sail
 Last part pleasant Weather

1838

1013 Days Remarks on Tuesday 27 February
 This day Begins with fine Breezes and
 passing clouds Middle part fresh Breezes
 and cloudy Weather at Sundown took in
 Sail for the Night
 Morning made Sail fresh Breezes
 at 8¹⁵ pm Double Reefed the
 top Sails and so this 24 hours ends

1838

1014 Days Remarks on Wednesday 28 February
 rose twenty four hours Begins with
 fresh Breezes and cloudy Weather
 at Sundown took in Sail for the Night
 Middle part the same
 Latter part fine Breezes and pleasant
 Morning made Sail Saw a Bird
 and so this 24 hours ends

1838

1015 Days Remarks on Thursday 1st March
 This day Begins with Light Breezes and
 pleasant Weather Middle part the same
 Latter part fresh Breezes and Rainy Weather

Ship Bengal from Salera

1016 Days Remarks on Friday 2 March 1838
 This day begins with fresh Breezes and
 passing clouds at Sundown took in Sail for
 the Night Middle part the same
 Latter part fresh Breezes and cloudy weather
 Morning made Set the fore Sail

1017 Days Remarks on Saturday 3 March 1838
 This day begins with fresh gales and
 cloudy weather Middle part moderate weather
 Latter part morning made Sail fresh
 gales and passing clouds
 and so these 24 hours ends

1018 Days Remarks on Sunday 4 March 1838
 This day begins with fresh gales and
 passing clouds at Sundown took in
 Sail for the Night Middle part fresh
 gales and cloudy weather
 Morning made Sail Latter the same

1019 Days Remarks on Monday 5 March 1838
 This day begins with fresh gales and
 cloudy weather at Sundown took in
 Sail for the night Middle part the
 same Morning made Sail
 Latter part the same

In the Indian Ocean

120 Days Remarks on Tuesday 6 March 1838
 This day begins with fresh Breezes and
 Cloudy Weather at Sundown took in
 Sail for the Night Middle part the Same
 Morning made Sail latter the Same

121 Days Remarks on Wednesday 7 March ¹⁸³⁸
 this day Begins with fresh gales
 And cloudy Weather at Sundown
 took in Sail for the Night
 Middle part moderate morning
 made Sail latter part fresh gales
 and Squally Weather at 10 P.m.
 took in the 3rd Main Sail and
 Mizzen and lost Keeped the mizen
 top Sail

122 Days Remarks on Thursday 8 March ¹⁸³⁸
 this day begins with fresh gales and
 Squally Weather at Sundown took in Sail
 for the Night Middle part the Same
 Morning made Sail latter part
 fresh breeze and pleasant Weather

123 Days Remarks on Friday 9 March 1838
 this day begins with fresh Breezes and
 pleasant Weather at Sundown took in
 Sail Middle part the Same
 Morning made Sail and Eased the yards
 Course. It lay N. latter part the Same

Ship Bengal from Salem

- 124 Days Remarks on Saturday 10 March 1838
 This day begins with fresh breezes and
 Squally Weather Middle part the Same
 at Sundown took in Sail for the Night
 Morning Made Sail Latter Squally Weather
- 125 Days Remarks on Sunday the 11 March 1838
 This day begins with Light Breezes and
 passing clouds at Sundown took in Sail for
 the Night Middle part the Night Same
 Morning Made Sail Latter part the Same
- 126 Days Remarks on Monday the 12 March 1838
 This day begins with fine Breezes and
 pleasant Weather at Sundown took in Sail
 for the Night Middle part the Same
 Latter Morning Made Sail and by these 24
 hours ends
- 127 Days Remarks on Tuesday the 13 March 1838
 This day begins with fine Breezes and pleasant
 Weather at Sundown took in Sail
 Middle part the Same Morning Made Sail
 Latter part the Same
- 128 Days Remarks on Wednesday the 14 March 1838
 This day begins with fine Breezes and pleasant
 Weather at Sundown took in Sail for the
 Night Middle part the Same
 Morning Made Sail Latter part fine Weather

In the Indian Ocean

- 129 Days from Salem Remarks on Thursday 14 March 1838
This day begins with Light breezes and pleasant weather at Sandown took in Sail Middle part the same morning made Sail Sent down the main top & gird and Mast and sent up and sent round Mast up and set Mast Latter part Light Breezes and pleasant weather
- 130 Days from Salem Remarks on Friday 15 March 1838
This day begins with Light Breezes and pleasant weather at Sandown took in Sail for the weight Middle part the same morning made Sail Latter part the same
- 131 Days from Salem Remarks on Saturday 17 March 1838
This day begins with fresh Breezes and cloudy weather at 2 Am took in the fore and main top & Sails at 4 Am double Reefed the fore and main and Mizzen top Sails at 6:30 all took in the fore and Mizzen top Sails Middle part fresh Gales and heavy weather at 3 pm took in the fore Sail and hove the Ship two Latter part Moderate Set the fore Spruce and Mizzen Staysail at 9 pm Set the fore Sail
- 132 Days from Salem Remarks on Sunday 18 March 1838
This day begins with fresh Gales and cloudy Breezy weather at 6 Am closed Reefed the fore and Mizzen top Sails Middle part the same Latter part morning took in the Mizzen top Sail

Ship Bengal from Salem to

- 133 Days from Salem Remarks on Monday 17¹⁸³⁸
 This day begins with fresh gales and Rainy
 Weather at Sundown stopt Taped the fore cross
 Main top sail Middle part the Same
 Latter part the Saily Weather
 the Wind S by E comes N N E N
 1438
- 134 Days from Salem Remarks on Tuesday 20 March
 This day begins with fresh Breezes and
 pleasant Weather Middle part the Same
 Latter part Morning Made Sail went
 the Main sail the Shack enfolded in
 Ships duty Lat 25 20 Long 52 30
 Wind S E comes N N E N
 1438
- 135 Days from Salem Remarks on Wednesday 21 March
 This day begins with fresh Breezes and
 pleasant Weather the Shack enfolded
 Heaving the Mainsail at 5 pm went
 the Main sail Middle part the Same
 at Sundown took in Sail for the night
 Morning Made Sail Latter part the Same
 1438
- 136 Days from Salem Remarks on Thursday 22 March
 This day begins with fresh Breezes and
 pleasant Weather at Sundown took
 in Sail Middle part the Same
 Latter part Morning Made Sail
 and so these 24 hours ends
- 137 Days from Salem Remarks on Friday 23 March
 This day begins with Light Breezes and
 pleasant Weather at Sundown took
 in Sail for the night
 Middle part the Same
 Latter part Morning Made all Sail
 1838

The Indian Otter on the Wharf

- 138 Days from Saloon Remarks on ^{March} Saturday 24
 this day begins with Light Breezes and
 pleasant Weather at Sundown the
 took in Sail for the Night Middle part
 the same morning made all Sail
 at 10 pm took in top G Sails
 and so these 24 hours ends ¹⁸⁹⁸ March
- 139 Days from Saloon Remarks on ^{March} Sunday 25
 this day begins with fresh Breezes and
 pleasant Weather at Sundown took in Sail for the Night
 Middle part fresh Breezes and passing
 clouds morning made set the fore and
 main top Sails closed. Kept
 latter part fresh Breezes and Slightly
 Weather
- 140 Days from Saloon Remarks on ^{March} Monday 26 1898
 this day begins with fresh Breezes
 and passing clouds
 Middle part the same
 latter part Saw a Sail Barring
 in. At fresh Breezes and passing
 clouds ¹⁸⁹⁸ March
- 141 Days from Saloon Remarks on ^{March} Tuesday 27
 this day begins with fair Breezes and
 passing clouds Spoke the General Pike
 of Starboard of 9 months out 14:30
 Barks of what oil Middle part the
 same latter part fresh Breezes and
 passing clouds

Ship Bengal from Salem

- 142 Days from Salem Remarks on ^{March 1832} Wednesday 18
 this days from begins with fresh Breezes
 and Squally Weather
 Middle part fresh Breezes and passing
 clouds morning let the Reefs out of
 the top sails latter part the same
 Saw at Sail to the Westward
- 143 Day from Salem Remarks on
 Thursday 19 March 1832
 this day begins with fresh
 Breezes and Squally Weather
 Saw at Ship and Bark Standing
 to the North East
 At Sundown took in Sail for
 the Night
 Middle part fresh Breezes and Squally
 morning Squared the yards and
 made Sail courses S V N W
 Wind E S E
- 144 Days from Salem Remarks on ^{March 1832} Friday the 20
 this day begins with fresh Breezes and
 Squally Weather
 Saw at Barge Standing to the West
 At Sundown took in Sail for the Night
 Middle part the same
 morning made Sail
 latter part the same courses S V N W

on port Paulsen's Cousin

145 Days from Saline Remarks on Saturday
the 24 March 1838
this day begins with fresh breezes
and squalls at Sun down
took two sail for the night
middle part fresh breezes and pleasant
morning made sail set the main sail
at 11 pm took in the main sail
later part the same

146 Days from Saline Remarks on Sunday 22
March 1838 this day begins with
fresh breezes and pleasant
at Sun down took in sail for
the night
middle part the same
morning made all sail
at 11 30 pm saw land
and stood in for it

147 Days from Saline Remarks on
Monday the 23 April 1838
this day begins with fresh breezes and
pleasant weather
middle part the same
later part fine weather
at 1 pm had sandy island
all hands employed in hoisting
and shattering ships

Spice Bengal of Salem

156 Thursday April the 11 1838
this day begins with fresh Breezes and pleasant
middle part the same at 6 AM
Latter morning the same got under
sails and put to sea
in company with the Barge Renfro

157 Friday April the 12 1838
this day begins with fresh Breezes
middle part the same
all hands employed stowing anchors
and coaling chains at sundown
sail for the night
Latter part the same

158 Saturday April the 13 1838
this day begins with fine Breezes
and pleasant weather
at sundown took in sail for the night
middle part light Breezes and pleasant
morning made sail
Latter part pleasant

159 Sunday April the 14 1838
this day begins with light Breezes
and pleasant
at sundown took in sail for the
night middle part fresh Breezes
and passing clouds
morning made all sail
Latter part fresh Breezes and pleasant

168 Tuesday Apr the 23th 1838
This day begins with Light
Breezes and passing clouds
at Sundown took in Sail for the
Night
Middle part fresh Breezes and
cloudy Weather
Morning made all Sail
Latter part at 10 pm Saw
Cape Rocks Lat 21=28 Long 40=8
Fresh Breezes and pleasant Weather

169 Wednesday Apr 24th 1838
This day begins with fresh Breezes
and pleasant Weather
Course N N W S S
at Sundown took in Sail
Middle part fresh Breezes
Squally Weather
Morning made set the fore
and Mizzen top Sails
Double Reefed
at 10 pm Spoke the Ship
Envious of Sag. So harbored
Latter part fresh Breezes
and Squally Weather

170 Thursday Apr 25th 1838
This day begins with fresh Breezes
and Squally Weather
at Sundown took in Sail
Middle part the same
Morning made all Sail
Latter part the same

171 Sunday Apr the 26 th 1838
this day begins with light
Breezes and pleasant weather
at sundown took in Sail
Middle part the same
morning Set all Sail
Latter part fine weather

172 Saturday Apr the 27 th 1838
this day begins with pleasant
weather Middle part the same
morning Set all Sail
Latter part pleasant weather

173 Sunday Apr the 28 th 1838
this day begins with light Breezes
and pleasant
at sundown took in Sail for the night.
Middle part light winds and fine
morning Set all Sail Latter part calm

174 Monday Apr the 29 th 1838
this day begins with light Breezes
and pleasant weather
at sundown took in Sail for the night.
Middle part
Last part fine Breezes and pleasant
all Sail Set

175 Tuesday Apr the 30th 1838
This day begins with light
breezes and pleasant weather
at 4^{PM} on Southeast
of Juan de Nova or St
Christophers Lat^d 17-3 Long 43-7
at Sandown took in Sail
Middle part fresh breezes
and cloudy Morning pleasant
Set all Sail Later part
light breezes and pleasant
weather

176 Wednesday May the 1st 1838
this day begins with light
breezes and pleasant
at Sandown took in Sail
Middle part fresh breezes and cloudy
Later part the same and Sail

177 Thursday May the 2nd 1838
This day begins with fresh
breezes at Sandown took
in Sail for the night
Middle part light breezes and pleas
Morning Set all Sail
Later part the same

These five days pleasant weather

183 Wednesday May 8th 1838
these 24 hours pleasant Weather
at 6 pm Saw whales at 7 pm
towed the boats the Starboard Boat
got fast and lost the iron
the Starboard Boat got 2 whales
and the Starboard Boat got 2 whales

184 Thursday May the 9th 1838
at 4 pm saw one on board and
cut in one whale

Middle part pleasant Weather
Morning out in one whale
and cleared up the deck
and the Starboard Whaler went to
towing out

185 Friday May 10th 1838
these 24 hours pleasant Weather

186 Saturday May the 11th 1838
these 24 hours pleasant Weather

187 Sunday May the 12th 1838
these 24 hours pleasant Weather

188 Monday May the 13th 1838
these 24 hours pleasant Weather
Latter part all hands employed
in stowing down oil

- 189 Tuesday May the 14th 1838
 pleasant weather
 at 1 o'clock Landed the Boats
 and Saw nothing
 at 4:30 o'clock came on board
 the Ship
 middle and latter part fine weather
- 190 Wednesday May the 15th 1838
 these 24 hours fresh Breezes and
 pleasant weather
 latter part Saw Land and stood
 for it at 12 noon stood to the
 West ~~and~~ By South
- 191 Friday May the 16th 1838
 these 24 hours pleasant weather
 latter part hoisted top sail
- 192 Saturday May the 17th 1838
 these 24 hours light Breezes
 and pleasant weather
 at 11 o'clock Bent fore top sail
- 193 Sunday May the 18th 1838
 these 24 hours pleasant weather
- 194 Monday May the 19th 1838
 these 24 hours pleasant weather
- 195 Tuesday May the 20th 1838
 first part of these 24 pleasant
 weather latter part
 fresh Breezes and pleasant
 weather

196 Wednesday May the 22th 1828
these 24 hours fresh Breezes
and cloudy weather

197 Thursday May the 23th 1828
these 24 hours fresh Breezes and
pleasant weather

198 Friday May the 24th 1828
these 24 hours fresh Breezes and passing
clouds at 9:30 full Sail & anchor

at 10:15 full Sail Spent
and took the Landward and Starboard
Boats at 11 full Sail the Starboard
Boat and got on to the Whales
and they the Boats come on Board
at 1

199 Saturday May the 25th 1828
pleasant weather the Boats come
on Board at 1:25 full
Sail part fresh Breezes and pleasant
weather

200 Days from Sahni
Sunday May the 26th 1828

these 24 hours fresh Breezes and
pleasant weather

201 Monday May the 27th 1838
these 24 hours fresh Breezes
and pleasant Weather

202 Tuesday May the 28th 1838
fresh Breezes and pleasant Weather
at 10 30 Bell Doubt Reaped the
the top Sails
 Latter part the Same

203 Wednesday May the 29th 1838
fresh Breezes and pleasant Weather
at 6 Bell Saw a Ship Standing
to the North By east
 Latter part the Same

214 Thursday May the 30th 1838
these 24 hours fresh Breezes
and pleasant Weather
 Latter part the Same.

at 5 pm Saw Land to Windward.
 Bearing S S E

215 Friday June the 1st 1838
fresh Breezes and pleasant Weather
Saw several Islands
 Bearing E E east South east

216 Days from Satew
 Saturday June the 2nd 1838
fresh Breezes and pleasant Weather
Land Bearing east

207 Sunday June the 3rd 1838
these 24 hours fresh Breezes
and pleasant Weather

Latitude front S. galley Weather

208 Monday June the 4th 1838
these 24 hours fresh

Breezes and pleasant Weather

Common Island Bearing north east by e

209 Tuesday June the 5th 1838

these 24 hours fresh Breezes

and pleasant Weather

Common Island Bearing

South east by east dist 30 Miles

210 Wednesday June the 6th 1838

these 24 hours fresh Breezes

Lat 13° 38' - Long 41° 41' ³/₄

and cloudy Weather

The coast of Africa Bearing West

211 Thursday June the 7th 1838

these 24 hours pleasant Weather

Light Breezes and pleasant

Lat 14° 37' Long 41° 33'

- 212 Days from Salem
Friday June the 8th 1838
These 24 hours Light
Breezes and Squally Weather
Latter part the same
Lat 15. 27 Long 42. 00
- 213 Saturday June the 9th 1838
These 24 hours pleasant
Weather
Lat 15. 27 Long 43. 16
- 214 Sunday June the 10th 1838
These 24 hours Light Breezes
and pleasant Weather
Lat 15. 12 Long 44. 31 $\frac{1}{4}$
- 215 Monday June the 11th 1838
These 24 hours pleasant Weather
Latter part fresh Breezes
Lat 14 Long
- 216 Tuesday June the 12th 1838
These 24 hours pleasant Weather
Latter part fresh Breezes
Lat 13. 49 Long
- 217 Wednesday June the 13th 1838
These 24 hours Light Breezes
and pleasant
Latter part Saw Black fish
Lat 13. 48 Long
- 218 Thursday June the 14th
These 24 hours pleasant Weather
Latter part fresh Breezes
Lat 13 Long

219 Days from Island
Friday June the 15th 1828
these 24 hours fresh Breezes
and cloudy Weather
at 11 pm Saw a sail
to the east Ward
Lat Long

220 Saturday June the 16th
these 24 fine Weather
Set 2 Red Schooner portagee colors

Latth part fresh Breezes
and cloudy Weather
Lat Long

221 Sunday June the 17th 1828
these 24 hours fresh gales
and cloudy Weather
Latth part Slight Breezes
Lat Long

222 Monday June the 18th 1828
these 24 hours Light Breezes
and pleasant Weather
Latth part fresh Breezes
Lat 19° 25' Long

223 Tuesday June the 19th 1828
these 24 hours fine Weather
Latth part fresh Breezes
and pleasant Weather
at 9 pm Louis Reaped
the Topsails at 11-30 took in
the fore and main topsails

224 Days from Saline
Wednesday June the 20th 1838
these 24 hours Light Breezes and
pleasant Weather
Latter part fresh Breezes
Breezes

Latitude Longitude
225 Thursday June the 21th 1838
these 24 hours fresh Breezes and
pleasant Weather
Latter part the Same
Latitude Longitude
at Sandown Sea Mayotta island
North North West
Distance 38 miles

226 Friday June the 22th 1838
these 24 hours Light Breezes
and pleasant Weather
Middle part the Same
Latter part fresh Breezes
and cloudy Weather

Latitude 14-14 Longitude 48-00
227 Saturday June the 23th 1838
these 24 hours Light Breezes and
pleasant Weather
Middle part the Same
Latter part fresh Breezes and pleasant

Latitude 13-25 Longitude
228 Sunday June the 24th 1838
these 24 hours Light Breezes and pleasant
Weather Middle part the Same
Latter fresh Breezes and pleasant
Lat 13-31 Long 47-27

229 Days from Saloon
Monday June the 25th 1838
these 24 Light Breezes and
pleasant Weather
Latter part the Same
at 10th from Same Land
Latitude Longitude

230 Tuesday June the 26th 1838
these 24 hours Light Breezes and pleasant
Latter part calm and cloudy Weather
Latitude Longitude

231 Wednesday June the 27th 1838
these 24 hours Light Breezes
and pleasant Weather
at 9 from Weather Discolored 25th from
and Saw Boats to the West and
distance 8 miles
tacked Ship and stood South East
portage Shoals Lat 12-30 Long 46-25
Latter part the Same

Latitude 12-50 Longitude 47-05.
232 Thursday June the 28th
these 24 hours calm pleasant Weather
Latter part calm
at 8 from Saw Land South east
Distances 30 miles

Latitude 13-15 Longitude
233 Friday June the 29th 1838
these 24 hours Light Breezes from
the West and Squally

Middle part the Same
Latter part morning fair Sail
to the South East Standing for us
at 8 from Discovered her to be
a bark slight Breeze till and then
calm the Bark 10 miles Distance

Bearing east by South the Remainder
of these 24 hours calm
234 Saturday July the 30th 1838
these 24 hours Light Breezes
and pleasant Weather
at 2 Bell Spoke the Ship Martha
Capt Alley two hundred lbs Spanish Oil
Latter part the Same
Morning Saw the Martha and the
Captives came on Board
Steering West South West

235 Sunday July the 1st 1838
these 24 hours Light Breezes
and pleasant Weather
Middle and latter part the Same
the Martha in company
236 Monday July the 2nd 1838
these 24 hours Light Breezes and pleasant
Middle part Cloudy Weather
Latter part pleasant Weather
Saw five Backe Whales and Shark fish
Latitude 12.35 Longitude

237 Tuesday July the 3rd 1838
these 24 hours Light Breezes
and pleasant Weather
Morning Saw Land Bearing South east
Distance 20 miles
Latter part Light Breezes

238 Wednesday July the 4th 1838
these 24 hours Light Breezes and pleasant
Middle part the Same
Latter part Light Breeze clearing
Saw Land Bearing east by South
Distance 30 miles
Latitude 13.36 Longitude

239 Thursday July the 5th 1838
This day began Light Breezes and pleasant
at 10 fell Saw Magatta island
Bearing S by E

Latter part fine Breezes
Magatta Bearing S by E

240 Friday July the 5th 1838
This day began Light Breezes
and pleasant
Magatta in Sight S by E
10 miles Distance

at 1230 fell saw two of Johnson
Mooring Made Sail and stood in
for Coharren

241 July the 16th 1838

at 1030 fell got under way
for the Bay of Jumbha

1130 saw Land at Sail bearing S by E
the Maatta in company

242 Wednesday July the 17th 1838
This day begins with fresh Breezes
and pleasant the Maatta in company
Latter part the same

the Maatta in company

243 Thursday July the 18th 1838
This day begins with fresh
Breezes and passing clouds

Latter part the same

at 11 saw Land

the Maatta in company

244 Friday July the 19th 1838
This day begins with fresh
Breezes and pleasant

at 2:30 am hauled up the fore Sail
and backed the main yard
and the Martha passed us
at 5:30 came to anchor in 10 fathom
purl the Sails Low - Weather
Middle part pleasant
Latter pleasant at 8 pm
the Starboard boat went on shore
at 9 pm the Larboard boat
Went on Shore and so ends there ^{Monas} 24

250 Saturday July the 20th 1838
This day begins pleasant Weather
got under way and shifted anchoring

251 Sunday July the 21st 1838
this day pleasant Weather

252 Monday July the 22nd 1838
this day pleasant Weather
Latter part 12 men went Wooding

253 Tuesday July the 23rd
this day Squally Weather
Latter part 12 men employed in
cutting Wood and the Remains in
Mending Sails

254 Wednesday July the 24th
this day pleasant Weather
Latter 12 men Bunting Wood

255 Thursday July the 25th 1838
this day begins pleasant Weather
Latter part 12 men Bunting Wood

256 Days from Salem the 1838
Friday July the 26th 1838
this day Pleasant Weather
the Labrador boat and whist boat
went to Shelting

257 Saturday July the 27th 1838
this day Pleasant Weather
the Martha in company

258 Sunday July the 28th 1838
this day Pleasant Weather
the Martha in company

259 Monday July the 29th 1838
this day Pleasant Weather
at 6:30 AM saw Whales and Lured
4 Boats and the Mate of the Martha
got fast and broke the chocks of
the Boat and the Mate took his
Line and was fast 3 hours
and the harpoon came out

the Whales went out of the Bay

260 Tuesday July the 30th 1838
this day Pleasant Weather
the Martha in company

261 Wednesday July the 31st
this day Pleasant Weather

262 Thursday August the 1st 1838
this day Pleasant Weather

Later five men from the Martha
went on Shore agreeing
and 4 from the Bengal
and killed a wild hog

263 Friday Aug the 2nd 1838
this day Pleasant Weather

264 Days from Salem
Saturday Aug the 3th 1838
this day pleasant weather
nothing particular this day
the Martha in company

265 Sunday Aug the 4th 1838
this day fresh Breezes and pleasant
the Martha in company

266 Monday Aug the 5th 1838
this day fresh Breezes and pleasant
the Capt B Jackson came from

Cabo the Martha in company

267 Tuesday Aug the 6th 1838
this day pleasant weather

268 Wednesday Aug the 7th 1838
this day pleasant weather
the Martha in company

269 Thursday Aug the 8th
this day pleasant weather

270 Friday Aug the 9th 1838

this day pleasant weather
the Martha in company

271 Saturday Aug the 10th 1838
this day pleasant weather

272 Sunday Aug the 11th 1838
this day fresh Breezes and pleasant

273 Monday Aug the 12th 1838
this day fresh Breezes and pleasant
the Martha in company

- 274 Days from Salween
 Tuesday Aug the 13th 1838
 this day fresh Breezes and pleasant
 the Martha in company
- 275 Wednesday Aug the 14th
 this day fresh Breezes and pleasant
 the Martha in company
- 276 Thursday Aug the 15th 1838
 pleasant Weather
 the Ship repairs Spinning Ship
 latter part all hands employed
 in painting Ship
 at 5th full the Martha sailed
 from Mamba Bay
- 277 Friday August the 16th 1838
 this day fresh Breezes and pleasant
- 278 Saturday Aug the 17th 1838
 this day fresh Breezes and pleasant
 Weather
- 279 Sunday Aug the 18th 1838
 this day pleasant Weather
 latter part 3 Bots employed
 getting off Wood
- 280 Monday Aug the 19th 1838
 this day pleasant Weather
- 281 Tuesday Aug the 20th 1838
 this day pleasant Weather
 latter part all hands employed
 setting up Rigger
- 282 Wednesday Aug the 21st 1838
 this day pleasant Weather
 all hands employed in Ships
 duty setting up Rigger

223 Days from Saleon
~~Wednesday~~ Aug the 22th 1838

this day pleasant Weather
224 Thursday Aug the 23th 1838

this day pleasant Weather
Latter part pleasant Weather

At 4 pm got under way and
Went out of Pomba Bay
Light Breezes and pleasant

225 Friday Aug the 24th 1838
this day pleasant Weather
Land in Sight

226 Saturday Aug the 25th 1838
this day pleasant Weather
Land in Sight to the Westward

227 Sunday August the 26th 1838
this day Light Breezes and pleasant
Weather

228 Monday Aug the 27th 1838

this day pleasant Weather
Latter part Mousing Hoar Ships
and stood to the S E Square
yards and fresh Breeze

289 Days from Salina
Tuesday August the 28th 1828
commences with pleasant weather
Latter part fresh breezes and pleasant
At 7 pm took in fly jib and
top & sails at 10 pm double reefed
topsails the wind South by West
Steering South east by east

290 Wednesday Aug the 29th 1828
this pleasant weather
at 8 30 am saw Cohamoo 15 miles Dist
measuring the same San Mochilla
Bearing West Distance 30 miles distance
and Sackile island bearing East 4 miles

Latter part pleasant
291 Thursday Aug the 30th 1828
this day pleasant weather
came to anchor in seven fathoms
in Cohamoo at 1 o'clock

292 Friday Aug the 31th 1828
this day pleasant weather
all hands employed in getting water

293 Saturday September the 1st 1828
this day pleasant weather
got on raft of water

294 Sunday September the 2nd 1828
this day pleasant weather

275 Days from Salween
Monday September the 3rd 1838
6 All yet under way for
S. Sin through the canal
276 Tuesday Sep 5th 1838

203 Wednesday September 12th 1838

204 Thursday Sept the 13th 1838
This day Light breezes and pleasant
Weather Latter part the Same
Latitude 18-30

305 Friday Sept the 14th 1838
This day Light breezes and pleasant
Weather Latter part the Same

306 Saturday Sept the 15th 1838
This day pleasant weather
Latter part fresh breeze and pleasant

307 Sunday Sept the 16th 1838
This day pleasant weather
Latter part the Same

308 Monday Sept the 17th 1838
This day pleasant weather
Latter part the Same

309 Tuesday Sept the 18th 1838
This day pleasant weather
Latter part the Same
Latitude 24-18

310 Wednesday Sept the 19th 1838
This day pleasant weather
Latter part the Same

Ship Bengal from Johanna

311 Days from Salem
Wednesday Sept the 20th 1838

this day light breezes and
pleasant weather

Friday Sept the 21st 1838
pleasant weather set 11 Bell Double
the topsails

Latter part fresh breezes and pleasant
Saturday Sept the 22nd 1838
this day light breezes and pleasant
weather Steaming south east.

at 10 30 Set Main top & Sail
and double Reefed the fore and
main and Mizzen topsail took in
the Mizzen & fore and Mizzen

Latter part fresh breezes
and pleasant weather
Sunday Sept the 23rd 1838
this day fresh breezes and pleasant
weather

Monday Sept the 24th 1838
this day fresh breezes and pleasant

Latter part the same
Tuesday Sept the 25th 1838
this day pleasant weather
at 1 30 Bell let the reefs out of
the topsails and set Top & Sails
saw 30 plenty of finbacks & whales
Latter part light breezes

To St Pauls whaling

Wednesday Sept the 26th 1838
this day begins calm at 5 AM
the wind came South and took
in top & sails and double reefed
the topsails at 6:30 AM closed
Reefed the topsails and furl'd the
Mainsail Middle part fresh breezes

Latter part the same
at 6 pm Set double reefed
topsails, Gib Mainsail and Spanker
Thursday Sept the 27

this day fresh breezes and passing
clouds at 6 AM took in the foot
and obison topsail and closed
Reefed the above topsail

Friday Sept the 28th 1838
this day commences with fresh
Breeze and pleasant weather

at 10:30 AM Set the fore and obison
Topsails double reefed
at 1 pm Gib Mainsail and Spanker
at 2 PM Set top & sails

Saturday Sept the 29th 1838
this day commences with pleasant
weather at 10 AM

Sunday Sept the 30th 1838
this day fresh breezes and pleasant
weather at 7:30 AM took in
top & sails at 11 AM took Ship
and stood to the Southward

Latter part pleasant weather

Monday Sept 31st 1838
this day Light breezes and
pleasant weather

latter part the Same
Tuesday October the 1st 1838
this day Light breezes and pleasant
Middle part the Same
latter part Light breezes and
pleasant weather

Wednesday October the 2nd 1838
this day begins with fresh breezes
and pleasant weather

Middle part the Same
latter part the fresh breezes and
pleasant weather

Thursday October the 4th 1838
this day begins with Light breezes
and pleasant weather

Middle part the Same
latter part fresh breezes and
cloudy weather

Saw five black whales & plenty

Friday October the 5th
this day begins with fresh
breezes and cloudy weather

Middle and latter part the Same

Saturday October the 6th

this day begins with
fresh breezes and pleasant
weather latter part saw

Black whale and found the
boats and did not catch
that whale

Sunday October the 7th 1838
this day fresh breezes and
cloudy weather

Middle part the same
at 11:30 pm saw two Whales to
Windward Latter part fresh breezes
and cloudy weather

Monday October the 8th 1838
this day begins with fresh breezes and
cloudy weather

Middle part the same
Latter part fresh breeze and Rainy weather
at 8 pm took in the fore and Mizzen
top sails and the wind the West S. by E

Tuesday October the 9th 1838
this day begins with fresh breezes
and cloudy weather

Middle part the same
Latter part light breezes and
cloudy weather

Wednesday October the 10th 1838
this day begins with calm and
cloudy weather

Middle part the same
Latter part fresh breezes and Squally
Weather at 6 pm saw Whales
at 8 pm took in the fore and Mizzen
top sails at 10:30 pm took in the foresail

Thursday October the 11th 1838
this day light breezes and
pleasant weather

Middle part the same
Latter part light breezes and pleasant
at 8 pm saw Whales and took the
boats at 11 pm came on board and
went about the fore top sail

Friday October the 12th 1838
This day Light breezes and cloudy weather
Middle part the same
Latter part at 5 past saw 4 Whales
and loosed the boats at 9 fell came
on board and made them to be
Sulphur Bottomed Whales

Latter part the same
Saturday October the 13th 1838
This day fresh breezes and pleasant
at 2 Bell saw 4 Whales and loosed
the boats and galed the 4 Whales
and at 4 Bell came on board and
saw 4 Whales at head
and loosed the boats and the
Lobbed boat struck a whale and
the harpoon drew
Middle part the same
morning made sail and saw
4 Whales at 2:30 Bell loosed the
boats and the Lobbed boats got
fast and 4th boat got fast
to the same whale at 11:30
Bell got the whale Along side
all hands employed in cutting
in the whale
Lat Longitude

Sunday October the 14th 1838
This day Light breezes and
pleasant weather
The Whales employed in bringing out oil
at 6 Bell saw a sail at head two
points off the lee bow

Middle part the same
Latter part fresh gales and squally
Weather the Whaler employed
tiring out oil

Monday October the 15th 1838
this day begins with fresh
Breezes and squally weather
at 10 full got down tiring out oil
Latter morning broke out the
hole and broke clouds 40 lbs oil
Tuesday October the 16th 1838
this day begins with light
Breezes and squally weather
at 3 Bell sailed the boats and
the Sloopboard boat got fast
and at 4 Bell came along side
with the Whaler

Middle part the same
Morning out in the Whaler
Wednesday October the 17th
this day begins with light weather
the Whaler employed in tiring
out oil Middle part the same
Latter part the same
Thursday October the 18th 1838
this begins with pleasant weather
at 1 Bell sailed the boats
the Sloopboard boat got fast
at 3 Bell came on board and
cut the Whaler

Middle part the Whaler
tiring out and

Friday October the 19th 1838
this day begins with fresh
Breezes and pleasant weather
at 8 Bell began to run
Middle part Rainy
Latter part Light breezes and
pleasant weather

Saturday October the 20th 1838
this day Light breezes and pleasant
the Watch employed towing
out with

Middle part the same
Latter part morning made down
and

Sunday October the 21th 1838
this day begins with fresh
Breezes and pleasant weather
Middle part the same
Latter part morning made sail
and stood to the east south east

Monday October the 22th 1838
this day begins with fresh breezes
pleasant weather at 230 Bell
saw 10 sail bearing South east
Latter part fresh breezes and squally

Tuesday October the 23th
this day begins with fresh breezes
and squally weather
at 11 fell aboard the boats for
Whales at 1230 Bell came on board
and took in the jib Sparker
fore and dizen topmasts

Wednesday October the 24th 1838
This day fresh breezes and squally
S. sail bearing West South West
Middle part fresh breezes
cloudy weather

Latter the same
Thursday October the 25th 1838
This day begins with fresh gales
and squally weather

Latter part the same
Friday October the 26th 1838
This day pleasant
at 3 A.M. loved the boats the
Starboard boat got fast
and lost the line
Middle the first part the same
Latter part fresh breezes and
cloudy weather at 10-20 fell
took in fore sail and set the
fore Spencer at 11 fell closed
Reefed the main top sail
Lat 33-05

Saturday October the 27th 1838
This day begins with fresh breezes
and cloudy weather

Middle part the same
Latter part blowing set the
fore sail and gave ship
Latitude 33-11

Sunday October the 28th 1838
This day fresh gales and pleasant
Middle part the same
Latter part blowing Saw Whales
few birds and six whales
one white whale came abt long side and
turned flukes Lat 32-56

Monday October the 29th 1838
this day begins fresh gales and
cloudy weather saw whales

Middle part the same
 Latter part morning
the whack employed in setting up
the main rigging at 11 fell
Loaded the boats for whales and came
on board at 1 o'clock
at 2

Tuesday October the 30th 1838
at 3 AM saw a sail to windward
at 5 AM spoke the ship frontland
of Kewbought a fit crew
middle part fresh breezes
and cloudy

Latter part evening saw the
the frontland to Leeward
Loaded the boats twice in the forenoon

Wednesday October the 31st
this day begins with fresh gales and
cloudy weather at 3 AM Loaded the
boats and sank two whales
at 430 AM came on board took in
the fore sail

Thursday - November the 1st 1838
this day fresh breezes and cloudy
middle part the same
Latter part morning Made Seal
bent the jib and mizzen
by jib and fore and mizzen
top of sail at 9 fell saw 8 sail
the frontland Towing out oil
L



DAMAGE BY RABBITS.

It is unusual for rabbits to peel trees at this time of the year, but I am satisfied that the methods of preventing this destruction during the winter would be efficient and safe now. Among these are the following, stated in the order of preference by myself:

1. Painting with white lead and raw linseed oil, made as thick as house paint.
2. Painting or spraying with the boiled lime sulphur wash containing considerable sediment.
3. Rubbing the trees with tallow, blood, a freshly killed rabbit, or the entrails of any animal.
4. Protecting by means of wire netting.
5. Use of poison, traps, dogs and gun.

As a matter of fact, No. 5 should be combined with any one of the others. During the winter rabbits will often leave the trunks of trees alone if freshly cut branches are dropped on the ground where they can not fail to get them. I do not know if this would work in summer, but recommend a trial.

A gentleman has just written to me that he used coal tar successfully for borers, but did not state the kind of trees on which he used it. I am seeking further information on this subject. If coal tar or gas tar did not injure his trees effective in preventing borers and

IT PAYS TO SPRAY.

A remarkable instance in proof of the value of spraying an old orchard is given in the Pennsylvania Press Bulletin of recent date, as follows:

"What is considered the most remarkable 1909 apple crop in Pennsylvania has just been sold at the orchard of C. C. Gelwicks, St. Thomas, York Township, Franklin County. Gelwicks raised 4500 bushels of apples on a thirty-acre plot and sold them at the orchard for \$5000.

"Three years ago Mr. Gelwicks was unable to get even ten cents a bushel for his apples and decided to chop down all of his trees and raise wheat and corn.

"The entire orchard in 1906 was affected with San Jose scale. The trees were withered looking and the apples very small and wormy. The orchard was sprayed with the boiled lime and sulphur solution.

"The trees were sprayed in 1907 and that year off of six acres he got 600 bushels of the finest kind of apples. Last year the crop was fine again, but this year, when all the neighboring orchards were bearing only a third to one-half a crop the trees were loaded down with apples, some of the limbs being pressed to the ground by the weight of the fruit. After spraying the trees none of them died and now all are in a most flourishing condition."

APPLE NOTES.

Winter apples bear at seven to nine years of age in Eastern New York. Summer apples of the type of Duches and Yellow Transparent may bear at four or five years of age, and even earlier specimens before that time.

Inter varieties of apples upon systems of management paying crops at or prior of age.

But apple growing New York should not reach their period of productivity before century, and should continue at least one hundred years all presupposes rational orchard management.

Barren years caused by insects in apple growing New York. The mean of the winter of 1909 was the worst of the winter of 1909.

The same thing has happened in the past. The same thing has happened in the past. The same thing has happened in the past.

The same thing has happened in the past. The same thing has happened in the past. The same thing has happened in the past.

The same thing has happened in the past. The same thing has happened in the past. The same thing has happened in the past.

The same thing has happened in the past. The same thing has happened in the past. The same thing has happened in the past.

CUCASA.

Cucasa is a soluble saccharate of copper and lime, coming into use in Europe in place of the rather cumbersome Bordeaux mixture. Such institutions and authorities as the Royal Institute of Viticulture and Horticulture, Gelsenheim, Germany, report favorably on its use. Cucasa yields a solution of copper that has all the medicinal properties of Bordeaux solution, but with the added advantage of a clear solution in water and of keeping comparison. Being a clear solution, it is much easier to use than the Bordeaux mixture. It does not need to be filtered, and it does not need to be diluted. It is a very good solution of copper.

The same thing has happened in the past. The same thing has happened in the past. The same thing has happened in the past.

The same thing has happened in the past. The same thing has happened in the past. The same thing has happened in the past.

A PAYING ORCHARD.

I once had an enterprising neighbor who planted forty acres of apples. He cared for the orchard well and it thrived, but before it came into full bearing this neighbor died and the farm was sold to a stranger for a low price. The first year this stranger moved onto the farm there was a heavy crop of fine Baldwin apples that were sold for over \$10,000. Every year since this orchard has borne abundantly. This forty acre orchard was sold in fact as much as the stranger paid for the entire 160 acres. Therefore the unfortunate man who planted this orchard, or his heirs, in selling the farm, gave away the farm, house and barns and 120 acres of good land.

This year of great scarcity of apples, the orchard bore about 100,000, and the owner sold the fruit at 100,000, the buyer to do all the picking, adding and packing and the owner furnish barrels.

So you see that a good young orchard is a pleasant thing to have around the place. It is no difficult to be the owner of a good orchard. It costs but little to plant. It will grow while you are attending to other things. It will do something for you. It will bear fruit. It will do something for you.

The same thing has happened in the past. The same thing has happened in the past. The same thing has happened in the past.

The same thing has happened in the past. The same thing has happened in the past. The same thing has happened in the past.

The same thing has happened in the past. The same thing has happened in the past. The same thing has happened in the past.

Wednesday September the 7th 1838
This day begins with fresh breezes
and passing clouds

The Whatche employed in attending
the foresail at 5 Bell beat the
foresail Middle part the same
Latter part Mousing made sail

Saw finback whales

Thursday September the 8th 1838
This day begins with fresh breezes
and pleasant weather

Middle part the same
Latter fresh breezes
Took in the fore and mainsail
closed reefed the main Top sail

Latitude 31.46 Long 68.03
Friday September the 9th 1838
This day begins fresh breezes
Squally weather

Middle part calm and cloudy
Latter part fresh breezes
and squally weather

Took in the fore and main Top sail

Saturday September the 10th
This day begins with fresh breezes and
squally weather

Middle and Latter the same

Latitude 32.33 Longitude 68.25

RULES.

est for shade

freely on the
ing plants in
ew start.
after the bloom-

ag shrubs bloom
e previous year's

heads of young
r, broader growth is

downward on a limb; a
ad is usually the result of

an arsing shrubs, cut back the
If, to balance the root

low-headed fruit-tree,
in branches and cut back

een or twenty inches
e.

owes in mature trees,
two-year-old trees

with their neigh-
cover the wound

h far or common
in winter prun-

in shape.
Prune two

er pruning
hile winter

heavy growth
aiding should be

ing in winter
ay case.

cut away a
han a large

egin when
you can shape

a desire. Remem-
headed tree is easier

asier to pick the fruit
ose branches are

urban Life.

THE T

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14

1838

and pleasant

the same

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the

the

TENDS

Sunday November 11
this day begins
passing clouds.

Breezes and passing clouds
rather just the same

Alas! I am single
and am

Sun at 3
Monday

the formula prepared
of Fitchburg, one
est orchardists, will

as it is known is
Nitrate of soda
monia 300 pounds,
unds, acid phos-
100 pounds.

of these chem-
r used, show
shipping r

by an
ceed

of Fitchburg
this day
all have

Middle

IES FOR ORCHARDS.
from apple, pear and
contain about seventy per
the crops of fruit
also contain lime.

it is always profit-
e, and it should be
once in five years.
preferable to lime for
lime is much cheap-
ays prove of ben-
ay be growing in
s destructive to
orchard ene-
by plowing
adcasting
merican

rather than
the same

the

the

FRUIT PICK
Bamboo staff six fe
desired. At the top
galvanized wire, and
one end about the
shape indicated. I
fastened in the
Have this hoop fast-
the bottom of s
fastening with a strong
get the fruit between the



THE T

and

14

1838

and pleasant

the same

the

the

Friday November the 16th 1828
This day begins with fine weather
Spoke ship Martha at 1 o'clock saw
Whales and Landed the boats then
Made of the Martha in the Stagnant
boat and got fast the Martha
Landed the boats came down the the
Whale and went on board
all hands employed in catching Whales
at dusk went to Boiling oil
Morning the same still down Whales

Foggy weather
Latter day

Saturday November the 17th
This day foggy weather
at 4 o'clock the Martha Landed the
two boats came to Landed after
No Whales We Landed boats the
Capt. only got the Whales
Middle part foggy weather
Morning the same
at 10 o'clock Landed the boats
at 11 o'clock came and Landed

Sunday November the 18th 1828
This day Light breezes blowing
at 2 o'clock Landed the boats
the Whales employed Boiling oil
Latter part the same

There was a large attendance at the regular weekly lecture, given at 11 o'clock, in Horticultural hall, 303 Massachusetts avenue, Saturday by E. Cyrus Miller of Haydenville. The object of the Massachusetts horticultural society in arranging for this lecture, the subject of which was, "Apple Growing in New England as a Business," is to call public attention to the possibilities of fruit growing in New England.

Mr. Miller said in part:

"First of all, in my opinion, apple growing is not a get-rich-quick proposition; neither is it the easy way of acquiring a competence that some might and do picture it. It is, however, in my opinion, one of the surest, safest, most interesting and profitable lines of agriculture that can be associated with our section of the country. All natural economic conditions favor the development and extension of the apple industry with us. Our soil, which means a soil which is reasonably well supplied with latent fertility, and our elevations which afford us most excellent surface and drainage, all make for conditions which are unexcelled. Our climate, which means the proper amount of heat and moisture, as related to the growing and the development of the crop."

"For the further promotion and development of orchard planting in New England, it might be well for the several states to pass statutes permitting the exemption from taxation of tracts of land planted in orchards from the time of planting until the time of maturity. Laws in our New England states should be amended so that orchardists should be better protected from the deer.

"Where trees in your old orchard are too closely planted cut out every other one. Remove all undesirable varieties. Begin pruning at once, but extend this operation over several years rather than to try to do it all in one year. Sea all wounds with lead and oil. Wherever possible, plow and cultivate the orchard; when this is not possible pasture orchards to hogs or hens. Apply each year a reasonable dressing of chemical fertilizers. Spray your trees and fruit each year; it will add 50 per cent barrel to the value of your crops. Graft and care for your native apple trees. In planting a new orchard, choose the best varieties.

C. Sears, pomologist of the
etts agricultural college,
following list of apples as
for Massachusetts, the vari-
named as nearly as possible
ter of their commercial value:
macintosh, rhode island
wealthy, hubbardston, wil-
lenburg, roxbury, red astra-
ton, gravenstein, fall pippin,
spy, yellow transparent, blue

"If the orchards are to be grown for commercial purposes, the precise type of market to which it is the intention to cater ought to be considered and its demands studied. As a general principle, we may say that markets are of two types, and that a very different list of varieties would be selected for these two types.

"If the grower is going to plant an orchard to cater to such a trade he ought, in my opinion, to select not over five, and preferably about three, varieties.

Discussing the points of different varieties Prof Sears says:

"Some of our well-grown, baldwins are the equal in color and attractiveness of anything grown in the famous northwest. On the other hand, some of our poorly grown baldwins are the equal of almost anything disreputable in the apple line. The baldwin is undoubtedly the most popular and profitable apple in New England and New York. A point worth considering is that it is one of the best export apples, particularly to England, where American-grown baldwins stand very high.

Perkins, no other apple is more popular at the present time, or more largely planted, than the macintosh, and in my opinion it deserves all its popularity. It has a strong inclination to be an annual bearer when well cared for, which I consider a decidedly important point. The fruit itself is very attractive in appearance, being a bright, handsome red, with a waxy texture to the skin, which is a white, tender and very highly perfumed. The aroma of a good macintosh is something to be remembered.

The fruit is a very desirable variety for local or special trade, but will not stand rough handling. I believe that this last point is being overlooked, and that a good many men are planting the macintosh which it demands. At present it is probably the most popular variety in Massachusetts.

"The rhode island greening should certainly stand next to the baldwin as a commercial apple in New England, though the macintosh is undoubtedly far ahead of it in the number of trees being planted at the present time. I believe, however, that the rhode island greening deserves more attention than it is receiving at present from the growers of the rhode island commercial orchards. It is undoubtedly one of the best cooking apples grown, and a rhode island greening pie is fit for a king. It is by no means to be despised as a dessert apple, and it is an assured bearer of fruit more than the baldwin."

"The Hubbardston, when well grown, has proved a profitable market sort, standing at present close behind the greening; and I should have no hesitation in setting it as a market variety, particularly on light soil, where it does especially well.

"The williams early is rather a poor grower, and is therefore often best topped, some better growing variety. It is a fairly good one, it is a very fine

"The oldenburg is especially valuable where extreme hardness is required. It grows vigorously while young. Its most valuable character, however, is its early bearing.

The Roxbury russet originated in Massachusetts, and goes back to the 17th century. From a commercial standpoint it is undoubtedly the best of the russets, and is especially valuable as an export variety, the English market being particularly strong on russets, and especially the roxbury, since it is marketed in the winter. It is perhaps being planted less in cold-storage facilities have improved, but I believe it is still worthy of a place among our list of market varieties.

The Palmer greening has an indication of quality that is very attractive, particularly to those who have never eaten it. It is especially valuable as a dessert apple, as its quality ranks from good to best. It will keep till December, or even till March, in good storage, and its medium size and very uniform shape and size make it an ideal box apple. In my opinion it ought to be grown more extensively in Massachusetts.

"The sutton (beauty) I believe is one of the coming market varieties. It is excellent in quality and of fine red color. It seems specially suited to the fancy box trade, but its flesh is a little too tender for the general market, though it is all right in barrels if handled carefully. I believe it is the type of apple which ought to be grown here in Massachusetts."

Of the fall pippin Prof Sears says: "I should consider it among the best of the fall varieties for home use and a good commercial sort."

Of the northern spy he says:

"It is one of my sincere regrets that the spy does not succeed better in Massachusetts. There are certain sections where it does admirably, particularly in the Berkshires, where the rule it has the reputation of not being a success with us. Whether it altogether deserves this reputation is a question, but certainly, we do not grow good spies in this section. It is a variety that could be desired in health and vigor, making a fine-shaped, large tree, and living to a good old age, but it is very slow indeed in coming into bearing. It is a species resembling the fruit of the first set of reputable varieties. The fruit when well grown is about all that could be desired, being a fine, bright, pinkish red in color, with a smooth, waxy skin, making an extremely attractive appearance. The fruit is crisp, but tender and juicy, and has a flavor that no one will forget, once he has eaten a well-grown, well-colored spy. Both fruit and foliage are decidedly subject to the attacks of insects, and the fruit is very liable to rot. The tree is very susceptible to blight is prevalent, and its tender skin and flesh make careful handling necessary. But, with all its faults, I should say that in sections where it is known that the spy is a success, it is well worth a more extensive trial. It is one of our leading varieties. In other sections it had probably better be tried only on a small scale; but even here, unless it has been tried under favorable conditions, and with modern methods of spraying, etc., I believe it is worth experimenting with."

Of the blue pearmain, Prof Sears
SAYS:

"This is a fine old variety, but is not very generally grown, and it is not recommended here except for the family orchard, or in a limited way in commercial plantings. To one who knows and likes the good old-fashioned sorts the blue pearmain is always very acceptable. The tree is a good, strong grower, and long-lived."

growth, and long life. "I know an excellent orchard from which they ship the yellow transparent to England. Last year's apples were shipped in crates, 10 of which made a barrel, and brought \$12 per barrel in that way. It seems as though we would find a ready market for these early varieties in England, as there are no apples there. This is a tremendous market abroad in the summer for apples grown in the northern United States."

Monday November the 26th 1838
this day light breezes - and pleasant
Weather Saw five back Whales

Middle part cloudy
Latter fresh breezes and pleasant
at 10 Towed the Boats the West
Boat got fast

Latitude Longitude
Tuesday November the 27th 1838
this day Begins with fresh breezes
pleasant weather

at 3 AM the West Boat
cut the Line Six hours fast
and cut the Line

Saw Whales at 6 AM Towed the
Boats Middle part for the same
Latter part drawing close sail
Saw Whales Towed 2 Boats the
Starboard Boat got fast
and Towed the West Boat at 9 AM
Towed the Starboard and Starboard
Boats the Starboard Boat got
fast the Line got foul and cut
the Line sending the West Boat

Latitude Longitude
Wednesday November the 28th 1838
this day begins with fresh breezes
and pleasant weather

Middle part the same
Latter part fresh breezes and
Runny weather
and so ends the 29 hours
Latitude Longitude

CHEAP APPLE FERTILIZER.

Prof Pickett of New Hampshire College Gives Scientific Formula for Benefit of Farmers.

DURHAM, N H, April 20.—Prof. Bethel S. Pickett of the New Hampshire experiment station has worked out a carefully studied scheme of fertilization for apple trees, which should appeal to farmers, because of its remarkably low cost, and because of its scientific application both to new and to old orchards.

He figures the cost of fertilizing an orchard for 20 years at \$3.52 per tree for the entire period, reckoning 1200 pounds of fertilizer to the acre. The cost for the first 10 or 15 years is in the ratio of application much less.

The ingredients of the fertilizer he would thus use are nitrate of soda, dried blood, muriate or sulphate of potash and bone meal. The percentages of the mixture would be, for the first eight years, 10 percent of nitrate soda, 30 percent each of dried blood and potash, and 30 percent of bone meal. After the eighth year the nitrate and dried blood would be cut down one-half, the potash remain the same, and the bone meal increased to 65 percent.

During the first eight years, the mixture should be applied annually at the rate of $\frac{1}{4}$ -pound per square yard of surface. After the 8th year it should be three ounces per square yard to the 20th year. Then apply $\frac{1}{2}$ pounds per tree per year broadcast, covering the entire surface and working it in with spring cultivation. Clovers, red or crimson clover, or the grasses for orchards, he says. Wood ashes may be used in place or muriate or sulphate of potash in the ratio of 1000 pounds of the former for 200 of the latter, but should not be mixed with the other fertilizer.

One of Mr Brown's customers in Newbury recently took 125 baldwin, 75 bartlett pear and 125 peach trees. Mr Brown has recently set 1000 peach trees for Prof S. J. McWaters of the Boston university, who owns a large tract of land in Salisbury near the Merrimac. Last fall Mr Brown set for Prof McWaters 6000 apple trees.

Land suitable for apple growing brings from \$20 to \$25 per acre. Many of the farms of this section are well adapted to apple growing.

Among the largest growers of apples in this section is Charles M. Evans of Towle's hill, South Hampton, who has 500 trees, many of which are in bearing. All but 25 are baldwins. Mr Evans set his first trees 13 years ago.

Fred G. Crane Has 3000 Young
Trees Which Promise Well.

PITTSFIELD, April 30—Two years ago Fred G. Crane of Dalton, who had acquired several thousand acres of land in that town, which he named Flint Stone farm, set out on a sheltered spot 3000 apple trees. He brought to Dalton orchardists of skill and the trees were planted in the modern way. These trees have been sprayed regularly and are thriving, they are the McIntosh red, wealthy, bawdy and northern spy. Since that time no more trees have been added to this orchard. It is the last new orchard to be planted in Berkshire county. In 10 years men in charge he expects a future to take from 3000 to 6000 barrels of fruit from this land. The soil is worked and everything is being done in accordance with scientific methods in fruit culture.

Charles H. Griffin of Pittsfield lately bought the S. W. Dow place in Lanesboro of only 16 acres, the best small fruit and apple farm in central Berkshire county. Mr. Dow, now retired, made a comfortable fortune off of his berries and apples. This farm, with 1200 apple trees in perfect growing condition, has yielded 2500 barrels in a year. Mr. Griffin will continue the fruit business here. As yet he has not planted additional apple trees.

For a new orchard of small trees Prof. Pickett's scheme contemplates applying the fertilizer the first year over a circle around each tree, say three feet in diameter, and each succeeding year applying only to a circle of one foot radius outside the limits of the preceding application up to the 20th year, then applying broadcast, as indicated.

In the case of an old orchard the whole surface would be treated each year, 50 pounds per tree being applied the first year and 25 pounds annually thereafter.

For spraying orchards Prof Pickett recommends arsenate of lead for the general run of pests, except for san Jose scale, which should be treated with lime-sulphur wash.

Prof Plett has prepared two lists of apples suited to New Hampshire culture. One is for commercial orchard and the other for home use. He explains that the individual growers should choose their apple varieties according to the purpose for which they were to be grown. In the commercial list he names 13 varieties and in that for home use 35 varieties, together with the seasons of their use, as follows:

Commercial—For summer, Yellow Transparent, Duchess of Oldenburg; for autumn, Wealthy McIntosh, Gravenstein, Fall Pippin; for early winter, King and Hubbardston, each grafted on Northern Spy stock; Sutton (Sutton Beauty), Wagener; for midwinter, Baldwin, R. I. Greening, Northern Spy. The Yellow Transparent, Duchess of Oldenburg, Wealthy and Wagener, he says, are suitable for fillers if desired.

Home us—For summer, Yellow Transparent, Duchess of Oldenburg, Red Astrachan, Sweet Bough; for late summer and autumn, Yellow Transparent, Benbow, Illam's Favorite; for autumn, Grimate, Wealthy, McIntosh, Gravenstein, Fameuse (Snow), St. Lawrence, Maiden Blush, Mother, Fall Pippin; for early winter (Nov and Dec), King, Hubbard, Yellow Transparent, Red Astrachan, Grimes Golden, Rambo, Wagoner, Sutton, Winter Banana, Bailey Sweet; for midwinter, Baldwin, R. I. Greening, Northern Spy, Esopus Spitzenburg, Red Astrachan, Sweet Bough, Fall Pippin, Stayman Winesap, Westfield Seek-no-further, Tolman Sweet.

The 29th 1838
fresh Breezes

the same
offside sail and

Longitude

20th Dec 1838
The Fresh Enclosure

at the small

- 1884
 Longest time

the 31

Shales. Limestone. etc.

Got first
one hearted
to Boats got

her whole lungs
most Bouts

Boats - Water
Hill and cut
cut in the

Land in Louisiana and
West wood

Staroborn
the Star
to the
the Buto
Latter p
ess have
the - of
Saw B

Saturday December the 2th 1838
this day pleasant weather
the Whatch Boiling oil
Whills and Letter part the same
Latitude Longitude
Monday Dec the 3th 1838
this day the same

Tuesday Dec the 4th 1838
this day light breezes and
foggy weather took down 56
Barrels of oil
Letter part morning Saw Whills
Load the Coats the West boat
got fast and sunk the Whale
Latitude Longitude

Wednesday December the 5th 1838
this day foggy weather
Saw Whills and Load the Coats
at 4 A.M. Load the Coats the Landward
Boat got fast took the Whills
Along side Whills part oil
Letter part morning out in the
Whale at 9.30. full spoke the ship
forerhuntas capt 3 months out
10 Whills and cutting in B Whale
the captive West to board
We commenced tricing out oil
Latitude

HOW NEW ENGLAND'S APPLE CROP MAY BE MORE THAN DOUBLED

Report of Boston Chamber of Commerce Committee of Experts Points the Way to a Great Development in Orcharding.



After the harvest last fall, when the present movement toward more scientific apple raising was beginning to gain headway, the Boston chamber of commerce assigned to its committee on agriculture the duty of preparing a lucid report on the possibilities of New England agriculture. The committee, after much research and mature deliberation, presented the report here reproduced in full, which is prefaced with this introduction:

To the Members of the Boston Chamber of Commerce:

Your committee on agriculture, recently appointed, finds its first task to be that of showing the New England farmer the chance that lies before him. There are millions of dollars latent in the soil of New England, waiting simply for the application of energy, intelligence and determination.

The first requisite, however, is optimism. The reasons for optimism, your committee desire to supply. This task is not difficult. It needs nothing more than a bare presentation of the facts.

Your committee has therefore carefully prepared a report, which it recommends to the serious consideration of the members of the chamber, and to the general public. The report was as follows:

New England's Opportunity.

Can New England compete successfully with the west in agriculture?

An investigation of the situation shows that a new opportunity has been gradually opening before the farmers of the east. So gradual has been the development of this opportunity that only here and there we find one who has grasped its full commercial significance and is reaping the profits of his foresight. The west has been slow to seize this. When he comes face to face with the facts, however, and finds that he can get as much or more out of the land as the westerner can, if for example he can get his fruit to the market in less time and at a comparatively small sum per fertilizer, he will be quick to take advantage of the land as the westerner can. If he can get his fruit to the market in less time and at a comparatively small sum per fertilizer, he will be quick to take advantage of the land as the westerner can. If he can get his fruit to the market in less time and at a comparatively small sum per fertilizer, he will be quick to take advantage of the land as the westerner can.

Market for New England's Production.

Within 30 miles of Boston there are 2,000,000 people. Not only that, but they are the kind who spend their money freely, and with increasing rapidity. This gives many kinds of fruit a superior value and makes it worth more.

Hand in hand with this is the advantage which the home producer always has, in saving in freight rates. The New England farmer can put into his pocket, in improving the standard of his fruit, raised under the best of a superior hand and aroma, and makes it worth more.

Hand in hand with this is the advantage which the home producer always has, in saving in freight rates. The New England farmer can put into his pocket, in improving the standard of his fruit, raised under the best of a superior hand and aroma, and makes it worth more.

Craig of Cornell, at the governors' conference last year, that the percentage of apples exported from the New England group of states is considerably higher than that exported from the country as a whole. But when we remember the remarkable strategic position which New England occupies for export facilities, and the further fact that all this region possesses the most favorable soil and climatic conditions, in addition to the fact that it is situated in the heart of the most important market for apples in the world, it is not surprising that the opportunity is not of producing 5,000,000 barrels annually and buying every year for home consumption apples grown to the west. The world is not yet saturated with apples, and the surplus to the north of waiting consumers in Europe and Asia.

New England Offers Cheaper Land.

But times have changed. Fertile lands, may no longer be had for the asking. The secretary of the Massachusetts board of agriculture reports, as a result of a recent visit to western states, that land in Oregon or Washington, ready to go to orchard, can be bought at prices varying from \$2 to \$3 per acre. And no country in the world is so fitted with water, as Massachusetts now produces year after year a million acres of permanent orchards, 141,233 acres of unimproved land already devoted to orchards amounted to only 3,333 acres. Massachusetts now produces year after year a million acres of permanent orchards, 141,233 acres of unimproved land already devoted to orchards amounted to only 3,333 acres.

We Must Radically Improve Our Methods.

But the advantages which nature has given us in the character of our market, our nearness to it, our saving in freight rates, and the lower price of land here, will not alone make us win in competing with the west. The New England orchardist must supplement his methods. If he is to raise apples, for instance, which will equal in quantity and quality those produced by his western competitor. The setting of trees, the cultivation of the soil about them, spraying, picking, grading and packing must be given proper care, for it is on these that the west has built its supremacy.

Land Between Trees Must be Cultivated.

Unquestionably the method which produces the best fruit is that used in many parts of the west and known as "clean cultivation." This consists in such frequent cultivation that nothing is permitted to grow between the trees, thus retaining the moisture in the soil and preventing the growth of weeds. The soil is kept in a constant state of cultivation until about July 1st, and then the ground with oats, clover, rye, buckwheat or some such cover crop.

The choice being determined by the needs of the trees, as shown by the growth and color of the foliage and wood. The crops are not removed, but are turned under early in the spring. The nitrogen gathered by the cover crop is thus supplied to the trees as humus.

During the early life of an orchard, when the trees have not yet spread their roots so wide as to require the strength of all the soil between, other crops are frequently grown to advantage in the intervening spaces. These small fruits are favored. At the Vermont experimental station at Burlington, the crops of Hubbard squash under such conditions have yielded 75 per acre.

New England Soil is Not Worn Out.

There are many who contend that the soil of New England is worn out. This is refuted by a report just issued by the bureau of soils of the department of agriculture, which shows that, on an average, the soil of New England is richer than that of any other state. The yield per acre during the same period was only 25 bushels. Further, Connecticut and Massachusetts are respectively at the head of all the states in production of corn per acre. What the New England farmer has done with corn, he can do far better with apples.

Frequent Spraying a Necessity.

So much has been said upon the subject of spraying, and by New England farmer and forester, we have learned that it seems superfluous to say that it is the most important of the process. The man who sprays can double his yield. That is now an axiom. He should spray his trees three or four times. The following table of the yield per acre of sprayed and unsprayed orchards in the Orleans county, New York, is illuminating:

SPRAY, YIELD AND INCOME PER ACRE, FOIR-ORLEANS COUNTY, N. Y.	
Effect of spraying	
No. of trees sprayed	Yield per acre
Unsprayed	20
Sprayed once	30
Sprayed twice	40
Sprayed three times	50
Sprayed four times	60

This gives healthful publicity, and if the consumer likes the fruit, as he ought, it ensures later sales for the same dealer.

The use of these methods is not mere fastidiousness. It is good, hard-headed business.

To Hold the Export Market.

And there is another element for the farmer of New England to consider. Boston is the point of export through which is shipped to England, Europe and the Mediterranean not only the fruits of New England, but also those of New York and Canada. The export market is almost unlimited, and the New Englander can not raise enough fruit to satisfy it. The market can be held against competitors at home and abroad only if our fruit is so packed as to withstand the rough usage of an ocean journey.

Here is the market, eager to buy; the land, clean and plentiful. The Boston chamber of commerce believes the New Englander has the energy, the pluck and the long-headedness to adopt the improved methods. In manufacturing, we set the standard for high-grade goods, and leave the low grades to others. In agriculture we should do the same. What we must do, first, catch up with the process; then, keep up with it. "While, and soon, set the pace."

Respectfully submitted,
George H. Ellis, chairman,
William H. Bowker,
Kenyon L. Butterfield,
Charles M. Cox,
Nathaniel T. Kidder,
Frederick W. Simpson,
John E. Thayer.

Marketing, Grading and Packing Fruit.

The New England orchardist must also radically change his present methods of picking, sorting and packing his fruit. It is just as important to secure the prices obtained by his western competitors. When his trees have come to bearing he must not shake the fruit, bringing ripe and half-ripe fruit tumbling to the ground. He must not throw it windfalls. He must not put it in a second-hand barrel and jolt it away to market. He must not use the ordinary pick, grade and pack it by the most primitive methods. Unattractive, poorly packed crates of the best of New England apples will not sell in the open market. The man who is a shipper who is alive to the demands of the market, and who is willing to pick, grade and pack it by the most primitive methods. Unattractive, poorly packed crates of the best of New England apples will not sell in the open market.

The second important thing is properly to grade the fruit. Most of the city markets demand that fruit be carefully and uniformly graded. A frank declaration of quality, first, second or third, stamped on the box, and perhaps on the individual wrapper of each piece of fruit, is far toward creating a business friendship. The certainty of the purchaser as to just what quality he is getting, and the receipt of a receipt for the fruit, is a great help to the grower. The man who is a shipper who is alive to the demands of the market, and who is willing to pick, grade and pack it by the most primitive methods. Unattractive, poorly packed crates of the best of New England apples will not sell in the open market.

Monday Dec the 10th 1838
This day fresh Breezes and
Squally weather
Middle part the same
 Latter part morning saw
a ship under top sails
she went to seaward & the lower
Sticks down 39 lbs oil

Latitude 3
Tuesday December the 11th 1838
This day fresh gales and
Squally weather
at 3 o'clock the vessel
Boat and all the craft
the ship going at the rate
of 9 knots the ship rolled
and the boat filled with water
and the fore dunnage broke off
and then after tacking the stern
post out of the boat
Middle part the same
Last reefed the main top sail
and fished the foresail and
hoisted the ship two
- Latter part morning the
carpenter employed in attending
the old Whist boat

Latitude
Wednesday December the 12th 1838
This day began with fresh gales
and passing clouds the carpenter
employed in mending the boat

Monday December the 17th 1838
This day begins fresh Breezes and
cloudy Weather
at middle part the same
Latter part blowing S. S. W. 15 miles Distance
at 7.30^{pm} full sail Whales Lined
the Coasts at 11^{pm} Starboard
Boat got fast and Landward
Boat got the Whale
the Starboard Boat Drifted
Latitude Longitude

Tuesday December the 18th 1838
This day begins fresh Breezes and
cloudy Weather
all hands employed in cutting
in the Whale at 7^{pm} got in
middle part Rainy Weather
Latter part fresh Breezes and
passing clouds commenced coiling
oil

Wednesday Dec the 19th 1838
This day begins fresh gales and
cloudy Weather middle part the same
at 12.30^{pm} full took in the fore sail
and coiled down the Works
Latter part the same

Thursday Dec the 20th 1838
This day begins with fresh gales
and squally Weather
at 6^{am} full sail Land W. S. 15
Distance 40 miles middle the same
Latter part blowing S. S. W. the
fore sail fast breeze took in the
fore sail set the fore Spruce
and went to coiling oil

STATE SHOWS HOW TO FIGHT HARMFUL

Demonstrations in Spraying This Dangerous Orchard Pest, Given U Agriculture—This Is the Beginning of a Campaign of Educ to New England's Fruit-Raising Industry—What the Scale



THE DEMONSTRATION IN SPRAYING AND THE SPECTATORS. THE HOSE IS HANDLED BY A FARM HAND.

Massachusetts began war on the San Jose scale, which is doing great damage in the orchards of the state, on Friday last, at 10:30 in the forenoon, by giving a demonstration, at the farm of Edmund Mortimer, in Grafton, Worcester county, of the best means of spraying trees as a protection against this pest.

The demonstration was the first step in a campaign of education which the state board of agriculture proposes to conduct for the purpose of teaching orchard owners the best means of fighting the scale.

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INDIA WHARF, PRIOR TO

hill was a crescent-shaped bay as the Town cove. Stretching point to point, at the base of the hills, across the mouth of the bay, in 1672, a sea wall, rendered the bay, within much shape of a half moon and which was designed as a protection for the harbor against hostile fleets, for the wall was mounted with big guns and at the hill end it terminated in a fort the sconce, the other end being the north battery, a souvenir of which has been perpetuated in Battery.

The wall, which was a prodigious work for its day, was 20 feet thick and 220 feet long. There were openings in the wall to allow of vessels entering the town cove. It was first as the barricado, later as the wharf, and in its very old age as the wharf.

The barricado is worthy of notice because it was the first great undertaking in the way of wharf construction and its southern terminal, the sconce, was substantially where the India wharf is today. In 1635 this region belonged to three men of whom, Benjamin Gillingham, had that became famous as an Arctic explorer and figured in the Hudson bay that still make interesting reading.

The barricado fell into decay many years, as it was never needed for defence, no hostile fleet coming till the revolutionary period, but parts of it were preserved as emblems of later wharves or in its bits long known as island wharves of those island wharves ultimately came T wharf. The neck of the T meeting Long and Central wharves another bit of the barricado, which cut near its southern terminus the present India wharf.

In 1798 the expanding trade of the town required a new wharf, the present Long wharf was built, running from the foot of King at now State far out into the harbor, beyond the old barricado, which it intersected about the middle. Its most memorable historic association is with the landing of the British troops, whose presence provoked the revolution, and in connection it is second in fame to Griffin's wharf, at the foot of Pearl at, where a popular uprising, 1775, registered the prevailing B.

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Tuesday December the 25th 1838
this day begins with fresh breezes
and cloudy at 4 30 Bell said to make
loose the boats at 5 came on board
at 6 Bell Doubt reefed the topsails
took in the gill and mainsail

Middle part the same
latter part morning fresh Breezes
and Raining Weather at 10 put up
sail and hoist the ship to under
closed reefed main topsail and
fore spencer fresh Breezes and
Raining Weather

Wednesday December the 26th 1838
this day begins Gale and Raining weather
at 7 30 Bell set the foresail coming
east & east

Middle part the same
latter part morning much at sail
fresh Breezes and passing clouds

Thursday December the 27th
this day fresh Breezes and
passing clouds

Middle and latter part the
same the Watch employed in
ships duty

Latitude 32.4 Longitude 27.20

Friday December the 28th 1838
this day fresh Breezes and
Sally weather

Middle part the same
latter part pleasant weather

FIGHTING JACK FROST WITH SMUDGE POTS

How far science can go in aiding the up-to-date agriculturist in his fight against the many blighting forces nature sees fit to launch against him has been demonstrated by western orchardists in the successful use of smudge pots to overcome the effects of spring frosts.

The smudge pot is the last word in scientific arboriculture. It has been in practical demonstration only two years, but it has saved millions of dollars' worth of fruit that otherwise would have been lost owing to heavy frosts. It can be made in various forms by the orchardist himself, or it can be bought, if he is not enough of a blacksmith to make his own line of smudge pots.

Various kinds of fuel can be used in it, and the average cost of protecting an orchard during the spring season of cold nights will not be more than \$8 or \$10 an acre—surely cheap insurance in these days of fancy prices for orchard products.

This spring the smudge pots have been in general use in all the great orchard districts of the west. The trees began to bud early, which generally causes apprehension among orchardists. Then came the inevitable cold snaps,

them replenished with fuel and sending the heat waves and the black smoke rolling upward among the trees. The battle for supremacy between Jack Frost and his new enemy has begun. With machine-like regularity the dark forms pass and repass between the long rows of dimly lighted trees. Midnight comes and the thermometer is still descending. Two o'clock finds it 23 above zero and the next two or three hours will be the critical time and the fuel is heaped on the smudge pots. Outside the orchard area the mercury is descending steadily.

Now it passes 27-26, and finally reaches 25. In the center of the orchard the farmer's thermometer, which is consulted every few minutes, shows a maximum of from 10 to 14 degrees higher than that indicated by the thermometer on the outside. Some of the trees at the edge of the orchard begin to show the lack of protection. Jack Frost has clutched them, but he can not penetrate more than one or two rows within those long lines of smudge pots.

Suddenly a streak of gray appears in the eastern horizon and the farmer breathes a sigh of relief. The mercury has touched the lowest point now—24 above zero—but inside the orchard the mercury still trembles above the freezing point at 32. Soon the streak of gray is touched with pink and then the edge of the sun appears above the hills and the farmer knows that his

aster that would have equaled that of 1907, as the spring opened early and the buds arrived by the middle of April.

In most of the western fruit districts the danger of killing frost is not over until the middle of May, which leaves a month for Jack Frost's operations. In addition to smudge pots, the orchardists are armed with combination thermometers and alarm clocks, which sound a warning at the farmer's bedside when the frost reaches danger point.

Eastern orchardists are fully as interested as those of the west, as they have suffered from the late frosts of the past few years, and are as eager as their western rivals to find some means of combating the common enemy. In a few years it is predicted that nearly every state in the union will have its smudge pot army, as statistics show that there are comparatively few localities in the United States where there is absolutely no danger from spring frosts.



SMUDGE POTS IN A WESTERN ORCHARD.
Receptacles Containing Fuel Are Placed Along Rows at Intervals.

but Jack Frost found an unexpected enemy disputing his progress. Warned of the impending cold snap by the ever-vigilant weather bureau, the orchardists were not caught napping.

Every up-to-date farmer has telephone connections with the nearest town and the instant the weather bureau sends out the dreaded warning of an impending cold snap, the telephone bells are kept ringing throughout the orchard districts and the warning message is sent over the wire:

"Frost tonight. Get out your smudge pots."

The descending sun and the descending thermometer find a busy scene in the farmer's orchard after the warning has been received. The farmer and his entire family are lighting long rows of sheet iron smudge pots of various shapes and sizes, under the blossoming trees.

The fires glow strangely as the gloom increases, and dark figures walk from one smudge pot to another keeping

fight against Jack Frost has been won.

The disastrous fruit year of 1907 awakened the orchardists of the country to the necessity of some means of combating frost. In that year practically the entire fruit crop of the United States was a failure. Orchardists were in despair, as the previous year had been little better, and many were heard to declare that one more such season would bring them to bankruptcy.

The following spring, however, was not so severe and witnessed the first actual test of smudge pots in orchards—a test that was watched eagerly by every orchardist in the country. Those who used the smudge pots in the spring of 1908 demonstrated conclusively that this new form of frost protection was a success and the spring of 1909 found a majority of fruit raisers using smudge pots. This year it is safe to say that two-thirds of the orchardists in the highly developed fruit regions of the great west have been using smudge pots and have saved themselves from a dis-

4 1830
Brazes and
The which

is duty
Longitude 89 40
The 30th 1838
Brazes and

and latter part

The 1st 1839
Brazes and

then

part the same
fold in Skips

the Main sail
The 2th 1839

Brazes and

then

fold in Skips

re and

and pay giv

The 3th 1839

Brazes and

part the same

fold in

Thursday January The 4th 1839
This day pleasant weather
Middle part the same
latter part blowing the whole
employed in Working Ship

THINKS HIS ORCHARD WILL PAY
FOR ITSELF THE FIRST YEAR

A Boston Business Man, W. M. Davis, Bought Land with 375 Young and Old Trees in Hudson—Western Methods of Apple Growing and Marketing Adopted—His 15-Year-Old Son an Efficient Assistant in the Enterprise — Will Set Out Several Hundred More Trees—Spraying and Clean Cultivation.



fruit from an acre of apple orchard in Massachusetts, trees to be in one solid block, three prizes, \$50, \$30, \$20.

3. For the best results secured from spraying an apple orchard, two prizes \$30, \$20.

4. For the best young apple orchard of not less than two acres, not necessarily in one solid block, set in 1908 or

1909, three prizes, \$50, \$30, \$20.
Entries.
 Entries for these prizes closed with J. Lewis Ellsworth, secretary state board of agriculture, room 136, State house, Oct. 1.
Rules for Competition.
 Classes 1 and 2 are to be shown by sworn statements as to the yield and price realized, with full data as to variety or varieties, treatment of soil

Class 3 is to be shown by a sworn statement as to treatment, cost and results.

Class 4 is to be determined by inspection of the various orchards entered by the single judge system. The judge will take into consideration in making his award the following points: (a) Manner of laying out, (b) condition of the soil, (c) varieties, (d) growth of the trees, (e) health of trees, (f) shaping of trees.

Statements under classes 1, 2 and 3 must be filed with J. Lewis Ellsworth.

secretary, state board of agriculture,
room 136, State house, Boston, not
later than Oct 25, 1910.
John Bursley,
Wilfrid Wheeler,
F. C. Sears,

Committee.

Mr Davis is a firm adherent to the practice of clean cultivation. He gives better care in so many ways. He has a better acquaintance with every part of the orchard and consequently pays more attention to its needs. In part

means less borers and in some
ties where they are troublesome
a very important point.

Mr Davis commenced his work
this line by having the old
plowed up and kept in clean cul-
until Aug 1, when he sowed it
vetch as a cover crop. This
have plowed under in the spring

It costs more to have the orchard in clean cultivation than it does in sod, but it is well worth the trouble and expense for one is able to get more and better fruit and thus make more rapid growth.

At the time Mr Davis purchased the property he found that the former

er already had plowed up ab
feet each side of the young trees
followed with other furrows, ma
or eight feet each side of the
plowed over and kept in cul
until Aug 1. The rest of the spa
trees being 36 feet apart—he so
hay, which he sold to a neighbor

If the trees set heavily Mr. practices thinning the fruit to extent. In this way he disposes defective specimens before the tree had the drain of bringing them maturity. Therefore, the apple remaining on the tree become large, have a better color, and at the marketing it means a saving of labor.

The result of the thinning process not only better fruit for that year, there is more likelihood of a crop following year. Some varieties thinning far more than others.

Mr Davis deprecates the fact that he spent considerable time in the summer pruning and trimming the

he did not accomplish as much as he felt was actually necessary. This he intends that this part of the shall be given the most minute attention. Then after the trees become dormant he will give them a thorough spraying to kill what San Jose there may be, although his orchard remarkably free from it.

Mr Davis ships his fruit to the market in boxes, according to the western custom, and not only is every apple perfect or practically so, but they are carefully graded as to size. Apples that are slightly imperfect are called seconds and sold as such.

orchard, he said he would feel very satisfied could he make enough of this year to pay interest on his investment, the taxes and running expenses. Now, the trees have yielded so abundantly and the demand for high-grade apples is so large, that he is confident that the returns will be much more. In fact, he is of the opinion that the

As a side occupation for a business or professional man or woman, and that is practically a recreation, Mr. Davis claims that apple orcharding

peculiar advantages over other kinds of agriculture from the fact, while there are certain things that need to be done, and done at certain times, yet the work is not so exacting as other kinds of farming, such as dairying, market gardening, poultry raising, etc.

took in the fore and Mizzen
topsails at 8 Am lost Reefed the
Main topsail took in the fore sail
middle and latter parts the same
Monday January the 15th 1839

this day begins fresh Breezes
and passing clouds at 7 Am wore
Ship's middle part the same
latter part morning set the
fore and Mizzen topsails

Tuesday January the 16th 1839
this day begins fresh Breezes
and heavy swell

middle part the same
latter part morning made sail
light breezes and cloudy weather

Wednesday Jan the 17th 1839
this day begins fresh Breezes and
pleasant weather at sun down
took in sail for the night

middle part the same
latter part morning made sail
fresh breezes and pleasant weather

Thursday January the 18th
this day begins light breezes
and pleasant weather

middle part the same
latter part morning made all sail
and stood east by north east

fresh breezes and pleasant weather

Friday January the 19th 1839
this day begins fresh breezes
pleasant weather

middle part the same
latter part morning made sail courses
South West Wind South

Saturday January the 20th 1839
This day begins fresh Breezes
and pleasant Weather
at Sun down took in sail as usual
Middle and Latter parts the same

Saturday January the 21st 1839
This day begins with fresh gales
and passing clouds
at Sun down took in sail and have the
Middle part the same

Latter part fresh gales and cloudy
Sunday January the 22nd 1839
This day fresh Breezes and pleasant
Weather Middle part the same
Latter part morning set the
fore said fore and Mizzen Topsail

The Whatch emboid in Ships duty
Monday January the 23rd 1839
This day fresh Breezes and pleasant
Weather at Sun down took sail
for the night

Middle part the same
Latter part fresh Breezes
and pleasant Weather
morning set the fore and Mizzen
topsails Latitude 29.21 Long 118

Tuesday January the 24th 1839
This day fresh Breezes and pleasant
Middle part the same
Latter part morning set the
and Mizzen Topsails and set the
Mainsail and masted the fore
topsail to show it the Whatch
emboid in masting the
fore topsail

Latitude 29-33 Longitude

1839

Wednesday January the 25th
 this day fresh breezes and pleasant
 at sun down took in sail for the night
 middle part the same
 latter part morning saw a fin back
 whale at 10 pm Brought the fore top sail
 latter the same

Thursday January the 26th 1839
 this day fresh breezes and pleasant
 middle and latter parts
 the same morning saw and
 spoke the Martha of Fall River
 seven months out 6-50 lbs of oil

Friday January the 27th 1839
 this day fresh breezes and flaring
 winds middle part the same
 latter part morning saw the
 Martha to the Westward

Latitude 29-38 Longitude

Saturday January the 28th 1839
 this day fresh breezes and pleasant
 middle and latter parts the same
 morning let the Reefs out of the topsails
 the Martha in company to leeward

Sunday January the 29th 1839
 this day fresh breezes and flaring
 at 3 AM Double Reefs the topsails
 at 5 AM took in the fore main sail
 middle part the same at 12.30 pm
 lost Reefs the fore and main
 topsail took in the Mizzen topsail
 latter part morning moderate
 weather let fore main sail Double
 Reefs topsails saw a ship
 to the bearing about steering east

Tuesday January the 30th 1839
this day light breezes and
pleasant weather
Sail at sail bearing east north east
Middle part the same
Latter part morning made S of S
Sail standing to the South east
Light breezes and pleasant weather
at 12 full ships course east south east

Wednesday January the 31st 1839
this day light breezes and pleasant
at Sun down took in sail
middle part the same
Latter part morning made
all sail pleasant weather

Latitude 32-30 Long
Thursday February the 1st 1839
this day fresh breezes and pleasant
at Sun down took in sail for the night
middle part the same
Latter part morning made
all sail at 8-30 full sail the
Land bearing east at 12 full
the ships course north by east
saw rottenness island north by east
Distance 12 miles
Bent the cables

Remarks on Board the

Friday the 2th 1839
this day fresh breezes and pleasant
land in the Swan River
at 7 AM. came to in five fathoms
Weather latter part broke out the haze
latter part pleasant Weather

Saturday February the 3th
this day the Watch employed in
painting Ship and coopers
Beef and pork
the Starboard Watch on shore

Sunday February the 4th 1839
this day the Landward Watch
Shore on liberty

Monday February the 5th 1839
this day commences fine breezes and pleasant
weather Starboard Watch on liberty the Landward
Watch employed on Ship Duty

Tuesday Feb the 6th 1839
this day begins with fine pleasant weather
Landward Watch on shore the rest of the
employed the same as yesterday

Wednesday Feb the 7th 1839
this day begins & ends with fine pleasant weather
this day John Williams & Father Mc Mullen
Josiah Stephenson John Goodridge Deserted
from the Ship

Thursday February the 8th
this day begins & ends with fine pleasant weather
one Watch on liberty

Ship Bengal of Salem 1839

Wednesday Feb 9. 1839

this day begins and ends with fine pleasant weather.
one Whatch on liberty & ends this day

Sunday Feb the 10 1839

this day commences with fine weather the ship
sailed this day one Whatch on liberty

Monday Feb the 11 1838

this day commences with fine weather one Whatch on
Liberty this day went to perth with the Capt

Tuesday Feb the 12 1839

this day commences and ends with fine weather
no Liberty this day returned from perth this day

Wednesday Feb the 13 1839

this day begins & ends with fine weather one
Whatch on liberty finished lowering down Water

Thursday Feb the 14 1839

this day begins with fine weather one Whatch on
liberty this day brought of a boat load of Potatoes
or Onions being all the recete to be had here

Friday Febru the 15

this day commences and ends with fine weather
one Whatch on shore

Saturday Feb the 16

this day begins with fine weather one Whatch on shore
shipped 3 Men this day

Remarks on Board of the Ship Bengal

Sunday Feb^r the 17 1839

this day begins with Pleasant Weather the Capt called All Hands on deck told us that he was aying to Exchange Mr. Jenney for the second mate of the Barque Rosque He wanted to know if we would consent to it but finding that the crew were satisfied to a man with him. Mr. Jenney. Capt Jackson said he should take him to Sea At 2 P.M. got the Ship under Weigh But the Wind hauled ahead. We came to anchor again the Barque Rosque sailed this day.

Monday Feb^r the 18 1839

this day commences with fine Breezes from off Land called All Hands and got under Weigh set all Sails and stood out to Sea took in the Mast Boat to repair stowed down the Chases and Painted the Larboard Boat

Tuesday Feb^r the 19 1839

this day commences with light Breezes fr. the S E with Pleasant Weather kept Mast Head this day the Carpenter Employed Mending the Mast Boat at Sun took in Sail and set Boats Crew Whatches at Sunrise called all Hands and Made Sail standing to the N W

Wednesday Feb^r the 20 1839

this day commences with fine Breezes from the N E with Pleasant Weather the Carpenter Employed Making a Day for the Mast Boat

Thursday Feb^r the 21 1839

this day begins with fine Breezes from off N W with Pleasant Weather kept Mast head this day at Sundown Shorten Sail at Sunrise called All Hands made Sail

Holland

On a Whaling Voyage off the Coast of New

Friday Feb^y the 22 1839
this Day commences with fine breezes from the N. E. by E
at 2 P.M. Furl'd the Main sail and let at Sun down
furl'd the fore and Mizzen top sail and fore sail and
set the fore Spencer, and close reef'd the Main Top Sail
at 8 P.M. Were ship the wind more to the Westward
at Sun rise more moderate called All Hands and made
sail and stood to the Northward So ended the 24 hours

Saturday Feb^y the 23 1839
this Day commences with fine breezes from the Southward
with Pleasant Weather at Sun down took in sail for the
Night Mid part pleasant Sun rise called all Hands and
Made sail later part Pleasant Carpenter finished the Day

Sunday Feb^y the 24 1839
this Day commences with fine Breezes from the Southward
kept Mast Head this Day at Sun down took in sail for the
Night kept the ship to the Wind Mid part pleasant at Sun rise
called all Hands Made sail and kept the ship Before the Wind
to the Northward Set the Mast Boat on the frames

Monday Feb^y the 25 1839
this Day commences with fine Breezes & Passing Clouds
at Sun down took sail for the Night furl'd the
fore sail and close reef'd the Main Top Sail
Mid part Strong Breezes from the Southward
Sun rise called all Hands & set the fore sail
lat part Strong Breezes & a heavy Sea running

Tuesday Feb^y the 26
this Day commences with fresh gales and Pleasant
weather mid and later part the same the ship
Lying too under close reef Main top sail
and fore sail

Remarks on Board of the Ship Bengal of
Wednesday Febth 27 1835.
this Commences with Strong Gale South & West
at 1 P.M. furled the fore sail Mid Part the Same
Set Part Moderate to end this Day

Thursday Febth 28 1835
this Day begin with Strong breeze from the Southward
at 2 P.M. Set the foresail & fore top sail Double
reefed Mid part pleasant with Light Breezes at
Sunrise called all Hands made sail to end this Day

Friday Febth 29 1835
this Day commences with Light Breezes from the
Eastward with Pleasant Weather at 2 P.M. Made
the Land this Day beat a Run fore to mast stay sail
at 5 P.M. Squared took in sail for the Night at 10 P.M.
called all Hands furled the fore sail and fore reefed
the Main Sail at 3 A.M. called all Hands and took
in the Main top sail the Gale now increased to a most
terrible Hurricane the Ship labouring very much
at Sunrise called all Hands and pumped Ship found not
to make any Water at 10 A.M. the Main Top of sail
got a drift and blew away the Starboard boat was
washed off the frames with all her crew at 11 A.M. little
more moderate, So end this Day

Saturday Marchth 1
this Day commences with rather more moderate
Weather at 3 P.M. Set the Main top sail fore reefed
and fore Spencer mid Part Light breezes at Sunrise
called all Hands and Made sail. Later ^{light} Light Breezes

Sunday Marchth 2
this Day begins with light breezes from the South
and Eastward with pleasant Weather a Ship in sight
standing to Northward

Salem Cruising for Sperm Whales of New Holland

Sunday March 3 Continued

mid Part calm and Shant at Sunrise called all Hands and Made sail Later Part pleasant

Monday March 4th

this day commences with fine pleasant Weather. the Wind from the Eastward Mid Part the same Sunrise called all Hands and made sail the Wind to Southward at 9 o'clock Put a New Boat on the Starboard Traws So ends these 24 hours

Tuesday March 5th

this day commences with Strong breezes from the Southward with Passing Clouds Sundown took in sail for the Night Mid Part Strong breezes and Passing Clouds at Sunrise called all Hands made sail Double reefed the top Top sail Later Part Strong breeze with Passing Clouds

Wednesday March 6th

this day commences with Strong breeze from the S with Passing Clouds at Sundown took in sail for the Night Mid and later Part fresh Breeze and Pleasant Weather

Thursday March 7th

this day commences with Strong breeze from the South and pleasant Weather at Sundown Close reefed the Top sail and Hove Ship to the N & Eastward at Sunrise called all Hands made sail without the fore sail the Whatch Employed repairing it Later part Pleasant

Friday March 8th

this day commences with fine breeze from the S W with pleasant Weather at 5 o'clock exchanged Signals with an English Barque at Sundown took in sail Sunrise called all Hands later part fresh Breezes

Remarks on Board of the Ship Bengal on a

Saturday March the 9 1839
This day commences with fresh Breezes from the S with pleasant weather at 3 P.M. double reefed the fore top sail at Sundown furled the Gb main sail & Spanker double reefed the main Top sail Mid part fresh Breezes at Sunrise called all Hands let Gb Main sail & Spanker unbent the Mizzen Top sail to repair it at 6 A.M. Wore ship to S. Westward Later part Pleasant So Ends these 24 hours Lat 27.48 S Lon 110 E

Sunday March the 10
this day begins with fresh breezes from the S S E with Pleasant weather at 1 P.M. bent the mizen top sail at Sundown took in sail for the Night Mid Part pleasant Sunrise called all Hands at 11 A.M. Tacked ship to the S East

Monday March the 11
this day commences with fine breezes from the S with Pleasant Weather at Sundown took in sail for the Night mid Part cloudy Sunrise called all Hands made sail unbent the Main sail to Repair at 7 A.M. Saw a Whale to Windward 7 1/2 A.M. Lowered the Boat the Starboard Boat got fast at 11 A.M. got the Whale along Side and got ready to cut in Whale
Lat 28.40 S Long 109.48 East

Tuesday March the 12
this day commences with light breezes from the S W with Pleasant Weather All Hands employed cutting in Whale took in the Junc and Cluber and dropped the Head stern and took in sail for the Night Sunrise called all Hands and cut in the Head and flukes at 11 A.M. Started the tryworks So Ends this day

Whaling Voyage Cruising for Sperm Lat 29° 21' 00"

Wednesday March the 13 1839
this day commences with fine breezes fr. the Southward
with pleasant weather the Starboard Watch on deck
troying out Oil at 5 P.M. Saw a Ship of the Lee quar-
ter standing to the Eastward at Sundown set the Watch
for the Night the Starboard Watch first Watch
mid and latter part fresh Breezes so End this day

Thursday March the 14 1839
this day commences with fine Breezes from the Southward
with pleasant weather one Watch employed the same as
yesterday at 5 P.M. Spoke the Ship Liverpook of New
Bedford Capt. Thomson 9 months out with 1600 of Oil
Mid part pleasant at Sunrise saw the Liverpook off the
Lee quarter at 10 A.M. kept the Ship off and ran down to her
the Capt. of the Liverpook came on Board and the mate went
on board of Her and took Mrs. Guites with Him

Friday March the 15 1839
this day commences with fine breezes from the S.S.E.
with pleasant weather one Watch employed the same
as yesterday at 1 P.M. the Mate came on board Ship and the
Capt. went on board of the Liverpook and Capt. Jackson
got a boat & some boards from her and let the Liverpook
have 15 fathoms of a new Stream cable for a fluke rope at Sund-
own Capt. Jackson came on board Ship set the Watch for the
Night at 2 A.M. Coiled down the trywork at Sunrise Washed
down the decks latter part fine breezes and pleasant

Saturday March the 16
this day comes in with fine pleasant weather kept
must heard this day Sundown took in sail for the Night
Mid part pleasant Sunrise called All Hands and commenced
Stowing down Oil the Ship Liverpook on our Starboard
Beam standing to the Eastward at 10 A.M. Saw a Ship
off the Starboard quarter standing to the S.W. Westward

Remarks on Board the Ship Bengal off

Sunday March the 17 1839
this day commences with fine breezes from the Southward
and pleasant weather. All Hands Employed the same as
yesterday this day flayed down 82 bl of Sperm Oil from
the Whale taken on the 11 of this month Sundown
Wore Ship to the Southward and Westward took in the
gill and Sprinker Double reefed the Mizzen top Sail
mid part pleasant at 1 AM Wore Ship to the Eastward
Sunrise called All Hands and Made Sails latter part
Light breezes and pleasant Weather Lat 28, 9 E

Monday March 18 1839
this day commences with fine breezes from the S W
with fine pleasant Weather at Sundown took in Sails
and Wore Ship to the S Westward mid part fresh breezes
from the S E at 1 o'clock Wore Ship to the Eastward Sunrise
called All Hands and Made Sails the Watch Employed
Mending the Main Sail Lat 27. 57 South

Tuesday March the 19
this day commences with fresh breezes from the South E
with passing clouds at 4 PM Double reefed the top
Sails and bent the main sail at Sundown Wore Ship to
the S W Mid part fresh breezes Sunrise called all Hands
Set the fore & Mizzen top Sails Double Reefed latter part
fresh Breezes & Pleasant to end this day

Wednesday March 20
this day commences with fresh Breezes from the S E
with pleasant Weather Sundown took in the fore
& Mizzen Top Sails Mid part Strong breezes
and passing clouds Sunrise called All Hands
& Made Sails Set the fore & Mizzen Top Sails
Double Reefed at 10:30 took in the fore Top
Sail and Wore the Ship to the Wind the Carpenter
Employed mending the boat We got from the Live's pecks

Lat 27. 39 S

New Holland

Salem Cruising for Sperm Whale off the Coast of

Thursday March the 21 1834
this day comes in with fresh gales from the SE with Pleasant
weather the Ship under fore Sail & double reefed Main and
Mizen Top Sails Sundown took in the Mizen Top Sail
Mid Part More Moderate Sunrise called All
hands Set the fore & Mizen Top Sail double Reefed
at 10 A.M. Set the rib & Main Sail this day ends
With pleasant Weather.

Friday March 22
this day commences with fresh Breezes fr the S S E
with pleasant Weather at 2 P.M. Set the Spanker
at Sundown took in Sail for the Night Mid Part fresh
breezes & Cloudy Weather Sunrise called All Hands and
Maid Sail the crew Employed Making Spin Yarn this
day ends with fine breezes and pleasant Weather Lat 29.53 E

Saturday March the 23
this day commences with fine breezes fr the S S E
and Pleasant Weather the crew Employed the same
as yesterday Sundown took in Sail for the night Mid
Part Light Breezes Sunrise called All Hands Maid all
Sail & Sent up the fore Top gallant Mast this day ends
With fine breezes and Pleasant Weather Lat 29.09 South

Sunday March the 24
this day commences with fine Breezes from the S S E
with Pleasant Weather the crew Employed on Ships duty
at Sundown double Reefed the Top Sails furled the Main Sail
rib and took in the Spanker. Mid Part light Breezes and
Pleasant Sunrise called All Hands and Maid All Sail
Batter Part fresh Breezes and Pleasant Weather

Remarks on Board the Ship Bengal of Salem on a

Monday March the 25 1839
this day begins with fresh Breeze from the S.E. With
Pleasant Weather at 1 P.M. Rept the Ship of before the
Wind to the Northward at Sundown Set Half Mast
at 10 P.M. took in the Main & Gallant Sail and Double
Reefed the Mizzen Top Sail Mid Part fresh breeze and Cloudy
weather at 2 A.M. took in the Main Sail at 10 o'clock S. E. See
the Ship Japan of Nantucket Capt Tobey at 11
A.M. took in the Gib & fore & Mizzen Top Sails close reefed the
Main and Hove the Ship to the Wind

Tuesday March the 26
this day commences with Strong Gales from the Southward
the Ship hove to the wind at 7.30 furled the fore sail and
Set the Spanker mid and latter part fresh gales and Barging
Clouds a Heavy Sea running

Wednesday March the 27
this day commences with Strong gales from the S.S.E. and Clear
Weather M. Part more moderate latter part fresh gales
and Cloudy weather.

Thursday March the 28
this day begins with fresh gales from the S.S.E. and Cloudy
weather the Ship still under Close reef Main Top Sail & fore
Spanker fore & Mizzen Stay Sail Mid part Squally with rain
Latter Part the Same

Friday March the 29
this day commences with Heavy Squally Weather from the
S.S.E. Mid part the same at 3 o'clock the wind hauled to S.S.W.

Saturday March the 30
this day commences with rather more moderate weather
the wind to the S.S.E. Mid part moderate Sunrise Called
all Hand the Crew mending Main Top Sail Lat 26 37

Holland

Whaling Voyage Cruising for Sperm of the Coast of New

Sunday March th 31 1839

this day comes in with fresh breezes and pleasant weather Ship under the reef top Sail at 4:30 spoke the Ship Liverpool of New before the Capt came on Board at 7:30 returned to his Ship Mid Part Light breezes and pleasant weather at Sunrise called all Hands made all Sail the Ship Liverpool in the Starboard quarter 8 miles east Latter part Pleasant

Monday April th 1 1839

this day commences with fine breezes from the Westward and Pleasant weather Sundown took in the fore & Mizzen Top Sails & double reefed the Main and kept before the wind to the N W Mid Part Light breezes at Sunrise called all Hands & made all Sail & Wet down the Main. Hole hoisted out the Starboard Pump & cleared the well room this day ends with Light breezes Lat 24=59 South

Tuesday April th 2

this day comes in with Light Breezes from the S S E and Pleasant weather at Sundown took in the fore and double reefed the Topgall mid Part Light breezes & Pleasant Sunrise called All Hands & Made all Sail took in the Starboard Boat & put the Boat off from the Liverpool in her place. the Watch Employed mending Sails &c. Ends this day

Wednesday April th 3

this day commences with fresh Breezes & Pleasant weather at Sundown took in the fore & Main Sail & double reefed the Top Sails Mid part Strong Breezes & passing Clouds latter Part the Same Lat 21=21 S Long 105 0 E

Thursday April 4

this day begins with Strong breeze from the S S E with Pleasant weather mid Part pleasant Sunrise called all Hands Made all Sail latter part Moderate weather

Remarks on Board of the Ship Bengal

Friday April the 5 1839 Lat 19-47^s
this day commences with Light breezes & pleasant weather
at Sundown double reefed the Top, Sail Mid part
Calm at day light called all Hands & Mailed all
Sail sent up the fore & Mizzen Top gallant yards
this day Ends with Light Breezes & pleasant weather

Saturday April 6
this day commences with Light Breezes from the Southward and
pleasant weather at Sundown the Top gallant Sail set and Shank
& double reefed the Top Sail Mid part Light breezes at day light
called all Hands & maul all Sail the Whaler employed cleaning
Muskets and the Spar craft this Ends with Light Breezes Lat 18-41

Sunday April the 7
this day commences and Ends with Light breezes from the
South at Sundown double reefed the Top sail and hauled
up the fore sail at 12. All more ship to S & at
day light maul all Sail Lat 18-27 South

Monday April the 8
this day commences with Light breezes from the S
with pleasant weather at sundown took in the top &
Sail & double reefed the top Sail & brought the ship to
the Wind Mid part Light airy at day light called all
Hands & maul all Sail & sail in sight to the Windward Dist
18 miles latter Part Light Breezes & pleasant weather

Tuesday April the 9
this day Light Breezes and pleasant weather at
1 P M spoke the Barke Cornelia of New Bedford
Capt Fletcher 12 months out 350 bbl of Sperm Oil
haiked over main yard & the Capt came on board & our Mate
went on board of the Barque sundown double reefed the
top sail mid & latter part fine breezes

on a Whaling Voyage of the Coast of New-Holland

Wednesday April the 10 1839
this day commences with fine breezes from the S E with pleasant weather at Sundown took in the main sail, gill & top gallant sail and double reefed the top sail mid part. Sent down the fore & main top gallant yards at 4-30 Mr Bales raised Whales on the Weather log. Tacked ship and stood for them it being late in the day did not lose for them at Sundown took in the fore & main top sails mid & latter part light breezes & pleasant

Thursday April the 11
this day commences with fine breezes from the S E with pleasant weather at 3 PM the Capt went on board of the Cornelia and exchanged some beans for Rice at Sundown took in the gill top & sail & spanker & double reefed the top sail mid part moderate at Sunrise made all sail saw a number of Hump Backs at 9 AM tacked ship to the S E

Friday April 12
this day commences with fine breezes from the S E with Pleasant weather a ship in sight leaving by compass Whelp at Sundown took in the Main sail & spanker & double reefed the top sail mid part Moderate at day sigl called all hands & made all sail

Saturday April 13
this day commences with fine breezes from the S E with pleasant weather mid part the same at Sunrise called all hands & made all sail this day ends with fresh breezes & passing clouds

Sunday April 14
this day begins with fresh breezes from the Southward & Westward at 3 PM double reefed the top sail & sent down the fore & main top gallant yards at 4-30 Mr Bales raised Whales on the Weather log. Tacked ship and stood for them it being late in the day did not lose for them at Sundown took in the fore & main top sails mid & latter part fine breezes

Remarks on Board the Ship Bengal on a

Monday April the 15 1899
this day comes in with fine breeze from the Southward
& Eastward at Sundown took in the Gib Spanker &
fore top sail Mid Part fine breeze & pleasant weather
at Day light Called all Hands & Maud off all Sail the
Barque Cornelia in Sight of the Weather-bow latter
Part fine breeze & pleasant

Tuesday April 16 1899
this day commences with fine breeze from the S S E with
pleasant Weather at Sundown Short^{ed} Sail mid Part Light
breeze & Passing Clouds with Lightning at Sunrise Called
all Hands & Maud all Sail At 7 AM raised Whale off
the Lee bow at 8 AM lowered the boat, and chased them
till we made him Sweet So End this day

Wednesday April the 17
this day commences with fine breeze from the S S E with
pleasant weather the Boats of Chasing Whales at 1.30
P.M. the boats came on board with out any Whales
at Sundown Short^{ed} Sail Mid Part fine breeze & Passing
clouds at Sunrise Called all Hands & Set all Sail
latter Part squally with rain at 10 AM Double reefed
top sail took in the Gib Main Sail & Spanker at 11.30
furled the fore top sail and brought the ship to the Wind

Thursday April the 18
this day commences with Strong breeze from the S S W
the ship lying too under Close reef Main top Sail at Sun
down Wore Ship to the W W W Mid Part Strong
breezes and Clear Weather at Sunrise Called all Hands
and Set the top sail Double reefed the Barque Cornelia
in Sight bearing East by Compass Dist 8 miles at 6 AM
now Ship to the S Eastward

Whaling Voyage of the Coast of New Holland

Friday April th 19 1839

this day begins with fresh breezes from the Southward with cloudy weather at sundown took in the fore & main top sail. Mid part cloudy with some rain at sunrise called Hands & Made Sails Got up Water & Wet the Holes Cooper & Carpenter Making a Cabin

Saturday April th 20

this day commences with fine breezes from the S.E. with pleasant weather at sundown Short Sail Mid part Light breeze & pleasant at sunrise called all Hands & made all sail latter part light airs and fine weather

Sunday April th 21

this day commences with Light Breezes from the S.E. with pleasant weather at sundown Double reefed the top sail took in the fore main sail & top Gallant sail Mid part Calm a large School of Black fish playing round the ship at sunrise called all Hands & made all sail there 24 hours Ends with Calm & pleasant weather

Monday April th 22

this day commences with Calm & pleasant weather at sundown Short Sail Mid part Calm at sunrise called all Hands & made Sails at 10:30 Saw 2 Sulfur Bottoms this day ends with Calm & Hot weather

Tuesday April th 23

this day commences with Calm & hot weather at 4 P.M. light breezes from the Southward 2 ships in sight bearing off by N 16 miles Dist at sundown Short Sail Mid part fine breezes at sunrise called all Hands and Made Sails a ship & Bark in sight this day ends with fine breezes from the South

Remarks on Board of the Ship Bengal on a

Wednesday Aprilth 24

this day commences with fine breezes from the South with pleasant Weather at 2 P.M. Spoke the Barque Cornelia of New Bedford the Capt came on board of us and Mr. Bailey went on board of the Barque a Sable in Sight bearing S.W. by Compass at 3 P.M. another Ship in Sight bearing West by Compass at 4 P.M. Spoke the Ship Rodmonds of New Bedford Capt. Dexter & the Ship Joseph Maxfield Capt. Steward of Fare Haven the Capt. came on board of us at Sandown Shor. Sailed at 7 P.M. the Capt. returned on board of these Ships Mid Part fresh breezes & Passing Clouds at Sunrise called all Hands & made Sable the Ship Rodmonds. Joseph Maxfield, the Morse & Barque Cornelia in Sight at 8 A.M. raised Whales at 9 loved the Landward Boat in company with the other Ships Boat at 12 came on board Ship without any Whale Lat 19-28 South Long 1.16 E

Thursday Aprilth 25

this day commences with fine breeze from the South at 3 P.M. loved the boat for Whale at Sandown. came on board of Ship without any Whale Mid part fine breezes Sunrise called all Hands & made Sable latter part fine breeze & pleasant

Friday Aprilth 26

this day commences with fine breezes from the S.E. with pleasant Weather at Sandown Shor. Sailed for the Night Mid Part light breezes & pleasant Weather at day light called all Hands & made all Sable latter part fresh breezes & Passing Clouds two Ships in Sight

Saturday Aprilth 27

this day commences with fresh breezes from the Southward with pleasant Weather Mid & latter part the same at 10 A.M. saw the Ship Morse Towing out Oil

Whaling Voyage

Sunday April th 28 1839

this day commences with fine breezes from the Southward with pleasant Weather at 2 P.M. Wore Ship to the N.E. & arrived the Main Mast this day at Sundown Shor = Sail & Wore Ship to the Westward Mid P. Light breezes for the S. Sunrise called all Hands & made all Sail & Wore Ship latter part fresh breezes & Pleasant Weather

Monday April th 29

this day commences with fine breezes from the E.S. & with Pleasant Weather & 2 P.M. Saw a few Back at 3 P.M. Sailed in Light bearing of N.E. by Compass at Sundown Wore Ship to the S.W. & toward S. Shor = Sail for the night at Sunrise called all Hands & made all Sail at 10 A.M. took in the top Gall Sails at 11 A.M. sailed in Light bearing East latter part strong breezes

Tuesday April th 30

this day commences with fine breezes from the E.S.E. with Pleasant weather at Sundown Shor = Sail for the night mid part light breezes at Sunrise called all Hands & made all Sail latter part fresh breezes & pleasant Weather

Wednesday May th 1 1838

this day commences with fine breezes from the Southward & Eastward with Pleasant Weather at 4 P.M. took the Ship Hercules of New Bedford 24 months out 950 bbls of Sperm Oil Mid & latter part fresh breezes & pleasant Weather
Lat 18-50 South Long 114-45 East

Thursday May th 2

this day commences with fine breezes from the S.E. & Eastward with fine Weather at Sundown Shor = Sail for the night Mid part calm at daylight called all Hands & made all Sail latter part fine breezes & Pleasant Weather

Friday May th 3-1830

this day commences with fine breezes from the S^o Eastward with Pleasant weather at 4 P.M. 3 Miles in Sight at Sun Down Short^{ed} Sail for the Night All Part Light breezes & pleasant at daylight called all Hands & made Sail latter Part fine Breeze & Pleasant Weather Lat 18.23 South

Saturday May th 4 1830

this day commences with fine breezes from the S^o Eastward & Pleasant Weather at 4 P.M. raised Whales of the Walker Beam & 1 mile out Lured the Boats & Poles to the Westward at Sun Down Cannon Board did not see the Whales after. We Lured the Boats Short^{ed} Sail for the Night at Sunrise called all Hands and made all Sail at 4 P.M. Strong Breezes took in the top Gallant Sails at 10 M. Dressed the top Sails & kept the ship of Before the Wind to the Westward

Sunday May th 5

this day commences with fine breezes from the ESE with with Pleasant Weather All^o & latter Part the same ship under Down. Raze top Sails

Monday May th 6

this day commences with Strong breezes from the S^o Eastward with fine Weather at Sun Down Short^{ed} Sail for the Night All part Light breezes at Sunrise called all Hands & made all Sail latter Part fine Breeze & Pleasant Weather

Tuesday May th 7

this day begins with Strong breezes & Pleasant Weather at Sun Down Short^{ed} Sail for the Night All part Light Breezes & Sinner called all Hands & made all Sail latter part Strong Breezes Lat 18.32 South

Wednesday May th 8 1839

this day commences with strong breezes from the E & S with Pleasant Weather at Sunrise Short Sail for the night
Middle Part Strong Breezes & Parting Squalls at Sunrise
called all Hands & set the Top Sail double Breeched
Latter Part More moderate Lat Long 114° 5' East

Thursday May the 9

this day commences with rather more moderate
Weather at Sunrise Short Sail for the night at
5 P.M. Spoke the Barque Cornelia of New Bedford
at Sunrise called all Hands and made all Sail latter
Part fine Breezes & Pleasant Weather

Friday May 10

this day commences with fine Breezes from the S & Eastward
with Pleasant Weather at Sunrise Short Sail for the
night Middle Part Light breezes at Sunrise called all Hands
and made all Sail latter Part fine Breezes and Pleasant

Saturday May th 11

this day begins with fine Breezes from the S & East
Pleasant weather Middle & latter Part the same Lat 17° 52' S

Sunday May th 12

this day commences with light Breezes from the S & E
with pleasant Weather at Sunrise took in sail for
the night Middle Part fine Breezes from the S & E
at Sunrise called all Hands & replaced Sail at 11 A.M.
the Rodman of New Bedford
the Capt went on Board of the S & E there
24 hours Lat 17° 41' South

Monday May the 13 1899
this day commences with fine Breezes from the S & East
with Pleasant Weather at Sundown Shor^d Sail for
the Night at 9 P.M. the Capt came on board the
Ship called Home of Mr. Bedford in Sight
17 Months from from New Bedford with 1200 of Spruce
Mid & latter Part fine Breezes & Pleasant Weather
Lat 16-28 North

Tuesday May the 14
this day commences with fine Breezes from the Southern
& Eastward with Pleasant weather at Sundown Shor^d
Sail for the Night Mid Part fresh Breezes at Sunrise called
all Hands and made sail latter Part fine Breezes Lat 15-52

Wednesday May the 15
this day begins with fine Breezes from the ESE with fine
Weather at Sundown Shor^d Sail for the Night & hauled a brace
the Main Top sail Mid Part Strong Breezes at Sunrise called
all Hands & made sail at 9-30 braced the Top sail
at 10 A.M. took in the jib latter Part Strong Breezes

Thursday May the 16
this day commences with Strong Breezes from the
ESE with pleasant weather at Sundown Shor^d Sail
Mid part fresh Gale at Sunrise called all Hands on
Main sail & latter Part Strong Breezes Lat 14-17 S

Friday May the 17
this day begins with fresh Gales from the ESE with
Pleasant weather at Sundown Sh^d Sail for the
Night mid & latter Part the same Lat 13-33 S

Saturday May the 18 1834
this day commences with fresh gale from the ESE with
Pleasant Weather at Sundown took in sail for the night
Mid & latter Part strong gales & cloudy weather. Ship under
Close Reef Main top sail.

Sunday May the 19
this day begins with fresh gales from the ESE with Puffing
Clouds at Sundown took ship to the N Eastward & the 2nd Part
for the night Mid & latter Part strong winds & heavy Sea running

Monday May the 20
this day commences with fresh gales from the ESE with
Pleasant Weather. Ship under Close Reef top sail Mid and
latter Part the same

Tuesday May the 21
this day commences with fresh breezes from the ESE with
Pleasant Weather at Sundown took 2nd Part for the night
Mid Part more Moderate Weather at Sunrise called all hands
& laid aloft sail at 7 o'clock Thomas M^{rs} also raised Whales at
8 o'clock towed the boats and chased the at 11 o'clock the Boat
came on Board the Whales went to Windward out of sight

Wed May 22 this day commences with fine Breezes
from the South East with fine Weather at Sundown took 2
Part for the night Mid Part light breezes at Sunrise
called all hands & laid aloft the Watch employed sitting
up the fore Riggering to end the 24 hours

Thurs May the 23 this day begins with fine breezes from
the SE with pleasant Weather Mid & latter Part the same Sat 15-17

Frid May the 24 this day begins with fine breeze from the SE with
Pleasant weather at Sundown took 2nd Part for the night Mid &
latter Part fine breezes & pleasant weather Sat 17-19 boats

Sat^y Mayth 25-183^y This Day commences with fine Pleasant weather at Sundown the 2^d Sail for the night Mid Part fine Breezes from the S^E at Sunrise called all Hands and M^adall sail latter Part Strong strong Breezes and Pleasant Weather

Sund Mayth 26
this Day commences with strong Breezes from the S^E with Pleasant Weather at 2 P^m Double Reefed the top Sails at Sundown took in the fore & Mizen top Sails (Mid Part more moderate at Sunrise called all Hands and unad sail latter Part Strong breezes

Mon^d Mayth 27 this Day begins with Strong Breezes from the S^E with Pleasant Weather Mid Part light Breezes at Sunrise called all Hands & sail latter Part Strong Wind ship under Double Reefed top Sails

Tue Mayth 28
this Day commences with strong breezes from the Eastward with Pleasant Weather Mid & latter Part the Same Lat 19-19 South Long 17-25 East

Wed May 29 this Day commences with strong Breezes from the Eastward with Pleasant weather Mid & latter Part Light Breezes & Pleasant Weather

Thu Mayth 30 this Day begins with light Breezes from the S^E with Pleasant Weather Mid & latter Part the Same

Frid May 31 this Day commences with Light Breezes from the S^E with Pleasant Weather Mid Part the Same at 8-30 the Carpenter killed Whales at 9-30 Landed the Larboard Boats & went to mindward about 8 miles after them but did not see the Whales from the boat at 4 P^m joined with the Ship M^adall

Sat June 1st 1830 This day commences with fine breezes from the E.S.E. with Pleasant Weather at sundown ^{we} sail for the Night Mid Fast fresh Breezes at sunrise called all Hands and Made sail Later Part Strong breeze

Sund June 2nd this day begins with Strong Breezes from the E.S.E. with Pleasant Weather Mid Fast Light Breezes at sunrise called all Hands & made sail Later part fine Breezes & Pleasant Lat 10³ 14 S

Mon June 3rd this day commences with fine Breezes from the E.S.E. with Pleasant Weather at sundown ^{we} sail for the Night mid part Pleasant at sunrise called all Hands and Made sail at 11:30 the Carpenter Rained Whaler at Lat 15:16 S Long 115:22 East

Tues June 4th This day begins with fine breezes from the E.S.E. with passing clouds at 12 M.D. towed the Scurber Boat the Mast & Scurber Boat got fast and saved the Whaler at 4:30 came on board and got ready to put in mid Fast fresh Breezes at day break called all Hands & put in the Whaler to enter this day.

Wed June 5th this day commences with Strong Breezes from the E.S.E. with heavy Fog at the Whaler ^{we} by trying out C.W. & D. put Strong Breezes and windy Weather Put out the fire at day break called all Hands the Weather more moderate Started the Boats again & ends these 24 hours

Thurs June 6th this day begins with fine breezes & Pleasant the Whaler employed the same as yesterday at 4 P.M. finished trying out called & later Part Strong Breezes & passing clouds

Frid June 8th 1834 This day commences with strong Breezes from the S.E. with passing clouds at Sundown set Boats crew Watches for the Night 11th Part Strong Breeze Sunrise called all Hands & Made Sail at 9 A.M. & exchanged Signals with an English Ship later Part fine Breezes & passing clouds

Sat June 9th This day commences with strong Breezes from the S.E. with passing clouds 11th Part the Sun at Sunrise called all Hands and got ready to stow down Oib early Part Light Breezes

Sund June 10th This day commences with light Breezes from the S.E. with pleasant weather all Hands employed stowing down Spinn Oib at 4 P.M. finished stowing down the Oib & washed down the decks stowed down Oib this day 11th Part Strong Breezes at Sunrise called all Hands and set the fore and Main Top Sails double reefed later Part Light Breezes

Mon June 11th This day commences with light Breezes from the S.E. with pleasant weather got down the fore and Main Sails for the Night 11th Part Strong Breezes at Sunrise called all Hands & set the fore & Main Top Sails later Part fine Breezes

Tues June 12th This day commences with fine Breezes from the S.E. with pleasant weather at Sundown the Sail for the Night 11th Part fine Breezes later Squally at 9 A.M. took in the fore & Main Sails at 11 A.M. Mac Moderate

Wed June 13th This day commences with fresh Breezes from the S. with passing clouds at Sundown the fore & Main Sails called all Hands & set the fore & Main Sails later Part fresh Breezes & passing clouds

Thurs June 13th 1839 this day commences with Strong Breezes from the ESE with Pleasant Weather at Sun Down took in the fore & main top sail Mid Part Squares with Plain at Sun Rise called all hands & made Sail Latter Part Strong Breezes

Frid June 14th this day commences with Strong Breezes from the ESE with Passing Clouds at 9 PM made the Sanderwood Island showing by Compass N E about 25 miles dist at Sun Down tacked Ship to the southward & set Sea Watcher Mid Part Strong Breezes with Passing Clouds & Sharp Lightning

Sat June 15th this day commences with Strong Breezes from the ESE with Passing Clouds & Latter Part Strong Breezes and Cloudy Weather at 7 AM took out one block out of the top sails at 11 fine Breezes set the main top gal sail

Sund June 16th this day commences with fine Breezes from the ESE with Pleasant Weather Mid Part fine Breezes & Passing Clouds Latter Part fine Breezes & Pleasant at 7 AM took out all the keels & set the main top gal Sails Lat 15:05 South Long 117:34 East

Mon June 17th this day commences with fine Breezes from the ESE with Pleasant Weather Mid Part Strong Breezes from the East at Sun Down took 2 Porpoises at 7 AM tacked Ship to the SSE Lat 15:17 South

Tuesd June 18th this day commences with fine Breezes from the Eastward with Pleasant weather at 8 PM tacked Ship to the NNE Mid & Latter Part fine Breezes & Pleasant Weather at M. tacked Ship to the SE

Wed June 19th 1839 this day commences with breezes from the E & S with Pleasant Weather Mid & latter Light air and Pleasant weather.

Thur June 20th this day commences with light air and Pleasant weather Mid & latter Part Strong Breezes

Frid June 21th this day commences with Strong breezes from the E & S with Pleasant Weather Mid Part Strong Breezes from the Eastward Latter Part Strong Breezes took in the top Gallant Sails

Sat June ~~21~~th 22 this day commences with Strong Breezes from the Eastward Mid Part fresh breezes latter Part hauled at 10 A.M. Reeled top Sail

Sund June 23th this day commences with Strong Breezes and Pleasant Weather at 5 P.M. I took out one Reef from the top Sail & set the Main top Gall Sail Mid & Latter Part Strong Breezes at 10 A.M. made the Island of Rottee bearing by compass N E 16 Miles Dist

Mon June 24th this day commences with Strong Breezes & Pleasant weather the Island of Rottee in sight bearing by compass E S E 12 Miles distance at 2 A.M. Made the Island of Timor at 5 A.M. hauled up the fore sail Main Sail & backed the Main top Sail at day light Breeze & stood to the Northward & Eastward at Sunrise got up the chains bent them to the stanchions at 10 A.M. tacked Ship & stood to the S & Westward at 12 Noon tacked & stood to the N E

Tues June 25th this day commences with Strong Breezes & Pleasant Weather at 9 P.M. made Copang at 7 P.M. lay to an anchor & furled the Sails at Sunrise pulled all hands & broke out for Water Pans

Wed June 25 1834 this day with fine Pleasant weather the crew employed painting the Iron Work

Thurs June 26 this day fine breezes & Pleasant weather got a part of Water this day & the Starboard Whatch on Liberty so ends this day

Frid June 27 this day fine breezes & Pleasant weather the Starboard Whatch on Liberty the Starboard Whatch on Duty

Sat June 28 this day begins & ends with fine weather the Starboard Whatch on Liberty

Sund June 29 this day begins & ends with Pleasant weather the Starboard Whatch on Liberty

Mond June 30 this day begins & ends with fine Pleasant weather the Starboard Whatch on Liberty

Tues July 1 this day begins & ends with fine Pleasant weather the Starboard Whatch on Liberty once Seaman by the name of William Smith Deserited this day

Wed July 2 this day begins & ends with fine Pleasant weather All Hands Employed Stowing Down water Wet Hole this day

Thurs July 3 this day begins & ends with Pleasant weather got 2 boat Loads of Wood this day

Friday July 4 this day begins & ends with Pleasant weather one Whatch on Liberty

July 6th 1839 this day commences with moderate
Breezes & Pleasant Weather at 7 o'clock got ready for
sea at 9 loosed the fore top sail & weighed anchor and
stood out to sea

Sund July 7th this day commences with fine
Breezes & Pleasant Weather the crew employed lowering
the anchors Mid & Latter Part fine Breezes & Pleasant

Mon July 8th this day commences with fine
breezes & Pleasant Weather the Isles of Rottel & Savan
in sight Mid & Latter Part Pleasant Weather

Tuesd July 9th this day commences with fine
Breezes & Pleasant Weather Mid & latter Part the same

Wed July 10th this day commences with fine Breezes
& Pleasant Weather at sundown took in sail for the night
at sunrise called all hands & made sail latter Part
fine Breezes & Pleasant Weather

Thurs July 11th this day commences with fine Breezes
& Pleasant Weather at sundown took in sail for the night
Mid Part fine Breezes & Pleasant Weather at sunrise
called all hands & made sail latter Part Pleasant

Frid July 12th this day commences with fine Breezes
and Pleasant Weather at sundown took in sail for the
night Mid Part fine breezes at sunrise called all
hands & made sail latter Part fine Weather

Sat July 13th this day commences with fine Breezes
& Pleasant Weather at sundown took in sail for the night
Mid Part Moderate Breezes at sunrise called all
hands & made sail a Ship in sight bearing S W by W
5 miles distant

Sund July 14th 1839 this day commences with fine breeze and Pleasant Weather at 4 P.M. Spoke the Ship Napoleon of Manlucet Capt Plaskett 10 months out with 750 blbls Sperm Oil the Capt came on board of us and returned on board of his Ship at 9-30 P.M. Had Pleasant Breezes at Sunrise Landed all Hands & Made Sale 3 Ships in Sight

Mon July 15th this day commences with fine Pleasant weather at 4 P.M. the Capt went on board of the Napoleon the ship Two Brothers of New Bedford in Light Capt Howland 10 Months out with 250 Sperm Oil Part Pleasant Latter Part Squally

Tues July 16th this day commences with fresh gales from the S.E. at 12-30 A.M. took in Top gallant Sails & foretops reefed the top Sails at 3 A.M. took in 4th & Main Sails & fore and Aft top Sails & fore Reefed the main & brought the Ship to the wind Mid & Latter Part fresh gales heavy Sea running

Wed July 17th this day commences with fresh gales from the South & Eastward the Ship under fore reef Main top Sails & fore tail Mid Part fore moderate at Sunrise Landed all Hands set the fore & Main top Sails fore Reefed at 10 A.M. fresh gales took in the fore & Main top Sails & brought the Ship to the Wind

Thursday July 18th this day begins with fresh gales from the S & Eastward the Ship under fore reef Main Top Sails Mid & latter Part the same Load 19,51 Bbls

Frid July 19th this day commences with rather more moderate weather at 3 P.M. set the fore & Main top Sails at sundown fore Ship to N & Eastward at 12 A.M. wore Ship to N.E. at Sunrise caught a Porpoise

Sat July 20 1829 this day commences
light breezes from the SE with Pleasant Weather
at Sun down set sail for the Night Mid Part
moderate at Sunrise called All Hands & Made Sail
latter Part fresh Breezes

Sund July 21 this day commences with strong
breezes & Pleasant Weather Mid & latter Part the same

Mon July 22th this day begins with strong breeze
from the Southward at 1 P.M. took in the top Gall Sails
at 4 P.M. double Reefed the top Sails at 6 P.M. Close
Reefed the fore & Mizzen top Sails took in Gib & Main Sail
mid Part fresh Gale and a Heavy Sea running at 8 o'clock
took in the fore & Mizzen top Sails & Close Reefed the Main
and Hoisted the Ship to the Main

Tues July 23th this day commences with
fresh gales & Pleasant weather Ship Ship under Close
Reef Main top Sail Mid & Latter fresh gales and
a Heavy Sea running

Wed July 24th this day commences with fresh
gale Ship under Close reef Main top Sail & fore
sail Mid & Latter Part more moderate at 6 A.M.
set the fore sail fore & Mizzen top Sails Close Reefed

Thurs July 25th this day commences with fresh
breezes & Pleasant weather Ship under Close Reef top
Sails Mid Part the same latter Part fine breezes
let one reef out of the Main top Sail

Frid July 26th this day commences with fine breezes
& Pleasant Weather Mid & Latter Part the same saw a
number of fin backs this day

Sat July 27th 1829 this day begins
with light breezes and Pleasant weather Mid Part
the same Latter Part calm Lat 21-25 South Long 112 57

Sund July 28th this day commences with light
airs and pleasant weather Mid Part fine breeze at
daylight made the N. W. Cape bearing S by compass
Latter Part Light Breezes and Pleasant weather

Mon July 29th this day commences with fine
breezes & pleasant weather Mid part the same Latter
Part fresh Breezes & Passing Clouds

Tues July 30th this day commences with fresh
breezes & Passing Clouds at Sundown Shor^d sail for the
Night Mid part squally with Rain Latter Part light
Breezes with Passing Clouds

Wed July 31 this day commences with fresh Breezes
& Passing clouds at Sundown Shor^d sail for the Night
Mid Part Strong Breeze at Sunrise called all Hands
& raised sail at 4 o'clock a sail in light bearing by
compass S by E 10 Miles dist

Thurs August 1st this day commences with Strong
Breezes from the S W with Pleasant weather at Sundown
Shor^d sail for the Night Mid Part Strong Breezes from the
S W at Sunrise called all Hands & set the fore & main top
sails Double Reefed unlent the Spanker to make it smaller

Fri Aug 2nd this day commences with a Strong Breeze
from the S W with Pleasant weather the Watch Employed
mending the fore top sail and Repairing the Starboard
Pump at Sunrise called all Hands made no sail this day

Sat Aug 3th 1899 this day commences with strong
fr. the SE with Pleasant Weather the Whaler employed
mending sail finished the fore topsail & bent it & furlled it
bent the Shanker & unbent the fore sail to Mind it & set
the Shanker

Sund Aug 4th this day commences with strong gales fr.
the Southward with Pleasant Weather finished the fore sail
bent & furlled it at 8 AM the ship to the S.W.

Mon Aug 5th this day commences with strong gales fr.
the Southward with ~~Hot~~ Weather Mid part Breeze with
rain at Sunrise called all Hands Made no sail this Day then
repacked the Main top sail & unbent the Main sail to Mind

Tues Aug 6th this day commences with strong
breezes from the Southward with Pleasant weather finished
Mainsail & bent it - Mid part more moderate at Sunrise
called all Hands & set the fore & Mizen top sails double
reefed & set Mast Peak Lat 16, 51 South

Wed Aug 7th this day commences with fresh breezes
with Pleasant weather at Sundown shot sail for the night
Mid & latter part strong breezes at Sunrise called
all Hands & set the fore & Mizen top sails double reefed

Thurs Aug 8th this day commences with strong
breezes from the N.E. at Sundown took in the fore & mizen
top sails mid part fresh breezes with passing clouds at Sunrise
called all Hands set the fore & Mizen top sails double reefed

Fri Aug 9th this day commences with fresh breezes
and passing clouds Mid part the same at Sunrise called
all Hands & set the fore & mizen top sails double
reefed

Sat Aug 10th 1839 this day commences with fine breezes
for the N & Eastward Mid part calm with rain. Latter
Part fine Breezes & Pleasant Weather

Sund Aug 11th this day commences with fine breezes &
pleasant weather Mid & latter part the same

Mon Aug 12th this day commences with fine breezes
& Pleasant weather at Sunderland Sh. Sail for the night
mid part rainy sunrise called all Hands Made sail Squared
in the yard and stood to the Northward Lat by Obs 16.31

Tuesd Aug 13th this day commences with fine breezes
& sharp weather at Sunderland Shod Sail for the night
Mid part cloudy sunrise called all Hands & Made
sail latter Part fresh Breezes

Wed Aug 14th this day commences with fresh breezes
for the Southward & Eastward at 3 P.M. the Mate raised
Whales on the Weather bow 3.20 hove the Starboard
boat & pulled to Windward for them at 4.30 being on
board got no Whale this day Mid & latter Part fine
breezes & Pleasant

Thurs Aug 15th this day commences with fine breezes
& Pleasant weather at Sunderland Shod Sail for the night
mid & latter Part fine breezes & Pleasant Weather

Frid Aug 16th this day begins & ends with fresh
Breezes & Pleasant Weather Lat by Obs 13.19 South

Sat Aug 17th this day commences with fine breezes &
pleasant weather at 5 P.M. Spoke the Burgue Despatch of
London & months out with 120 bbls of Spent Oil
Mid & latter Part fine breezes

Sund Aug 18th 1839 this day commences with fine breezes & pleasant weather at Sundown Sail for the Night mid Part fine Weather at sunrise called All Hands & Made sail Latter Part light breezes & Pleasant Weather

Mon Aug 19th this day commences with light breezes & Pleasant Weather at 3-30 Mr. Bailey raised Whales at 4 P.M. Landed the boat the Carboaz boat got fast and killed the Whale the Whale died under Wharfe, hauled him up & commenced toying but could not hold up the Whale the line parted and the Whale sunk at 9.30 P.M. I am on board Mid Part Light breezes at Sunrise called All Hands & Made sail Latter Part fine breezes & Pleasant Weather

Tues Aug 20th this day commences with fine breezes & Pleasant Weather at Sundown Sail for the Night Mid & Latter Part fine Pleasant Weather saw a number of fin Backs this day

Wed Aug 21th this day commences with fine breezes & pleasant Weather at 4 P.M. Made the Island of Sumbawa leaving it by 11 P.M. just at 3 P.M. spoke the Ship Morse of New Haven & kept company with her during the Night at Day Light made the Isle of Lombok Squared in the yards and stood toward Sumbawa at 11 Spoke the Ship Two Brothers of New Bedford

Thurs Aug 22th this day commences with fine breezes & pleasant weather at 1 P.M. Exchanged Signals with an English Barque at Sundown hauled on a wire shot of Shore at 8 wore ship & stood in at 2.30 wore ship & stood in at 3 wore ship and on Shore at 3 squared the yards

Frid Aug 23th 1829 this day commences with
fine Breeze & Pleasant Weather the Ship running
along the Side of Sumner's & Ship to Leeward standing
towards the Land at 6 P.M. made to Anchor in
Annaman furled the Sails & Set Anchor Watches
at Sunrise called all Hands & Wt. Hole

Sat Aug 24th this day commences with fine Breeze
& pleasant Weather fine Pleasant Weather Mid Part
Pleasant Sunrise called all Hands & broke out the fore hole
got of a Raft of Water

Sund Aug 25th the day commences with fine Pleasant
weather all Hands employed stowing down Water
tubs Part Pleasant Weather Starboard Watch on liberty

Monday Aug 26th this day commences with fine Pleasant
weather the Starboard Watch on liberty

Tuesday 26 this day commences with
pleasant weather the Starboard Watch
on liberty

Wednesday 27th this day commences
with fine pleasant weather
Starboard Watch on liberty,

Hollis April 10 1840

James Fahley — — — — — 50c
To 6 Bushels oats @ 50 — — — — — 3 00

Hollis June 15 / 1843 Over in
or By 2½ Days work Ebenezer Ranger Charging
By 2 Days work in Road & Thrashing

Ebenezer Ranger X 2c
for work 3 Days — — —

November
25 Ebenezer Ranger — — — 2c
By 10½ Days work — — —

Hollis May 27 1843

Chenev Ranger - - - - Dr

on Settlement - - - -

3 42

Due 21 Days work - - - -

paid Taxes - - - -

76

June 15 to 1 Bushel Corn to be paid in June

20 to plowing Corn 2 1/2 days - - - -

24 to 2 Days Work to hoe - - - -

to 2 Days Work on the Road - - - -

July 29 to 1 Bushel Corn sent - - - -

to 2 1/2 Days Work - - - -

Hollis June 4 1844

Chenev Ranger - - - - Dr

on Settlement Twelve Dollars - - - -

12 00

Septem 23 to 1 Bushel of Apples - - - - Paid 12

Hollis March 13 1843

	Timothy French	Dr	0	2
	to 4 Hundred Hay		2	40
May 20	Daniel Rice	Dr		
	To man and 1 pair of oxen $\frac{1}{2}$ Day and Plow		57	
26	to 3 Bushels Potatoes		60	
1844	Timothy French	Dr		
	To 3 Hundred Hay		1	50
Sept 12	Timothy French	Dr		
	To 4 Bushels Apples		1	50
23	to 4 Bushels Apples		50	
Count 31	to 5 Hundred Hay @ 60 cents		3	00

Hollis April 1843
Luther Blood Began to work for
me @ 10 Dollars per Month

	Luther Blood	Dr		
	to cash		10	
May	to cash		5	
	to 1 Pair of overhols		60	
	to 1 pound Tobacco		20	

July 26 1843
Settled with Luther Blood upto this
Date Luther Blood

Hollis January 1 1849

		Dr	\$
May 10	Chenezer Ranger		
	to parsonage low 25 cents per week		9 25
	to House rent		12 00
	Due on Settlement up to January 1 1849 one Hundred Dollars		100
	to cash to Pay Fowler		1 50
	to cash to pay for ^{his} Paper		4 00
November	cash paid for Nails		9 00
	to cash to Pay for Bricks		4 50
	to Timber for House		32 14
24	to cash paid Mr Spalding the Mason		6 75
	to carting Bricks from Stables to house		3 00
	to old Bricks		1 50
	to 3 Bushel of Haver @ 20 c		60
	paid for Lead for House		3 88
	to carting Boards to Repair and Reck		33
	Paid for Planing Boards		9 7
December	paid Emerson for Nails		2 30
	to 10 Bushels of Potatoes for Patch @ 50 c		5 00
	to 4 lb Pork @ 4 c		64
	to 2 1/2 Fire Firing @ 4 cents		1 10
	to Laths 291 feet		2 91
	to 36 Pieces of Firing @ 4 cents		1 44
	Paid for 6 cask Lime @ 1.05 c		6 300
12	Paid Baldwin for setting glass		1 50
14	Paid for glass & Butts & latches and Nails		5 00
15	Paid Mr Dow for work		17 06
	to 4 lb Pork @ 4 c		56
	to 1 Stick Timber for lead rollers		50
17	Paid Mr Dow		1 67
19	to 1/2 Bushel corn		50
24	Paid More for Painting and paid for paint		
	13 3/4 pounds / 9		
			2 71
			237 00

Settled

Hollis December 8 1849

	£	s	d
Ebenezer Pranger			
By 27½ tt Boards Nails @ 4½¢	1	24	
By 16 tt Shingles Nails @ 4½¢		82	
By Labour	18	00	
By 1 cink		50	
By 14 Days work	12	00	
	34	46	

Settled with Ebenezer Pranger and took his Note for the Balance due me up to this date January 9 1850

Hollis January 12 1850

	£	s	d
Ebenezer Pranger			
By 1 Sled Spike and Nails	2	00	
Febury 9 By 2 days work	1	50	
10 By 1 days work		67	
By 2 days do	1	34	
March 5 By 1 Pane of Slead Shous		33	
& By 1 Pane of do do and 2 Beams for Slead	8	3	
By 1 days work		69	
April 2 By Cash	4	00	
18 to Son Bot Made Mistak		46	
18 to 10½ tt Potash @ 10 in charging	1	05	

Hollis May 24 1850

Paid - Gen Odious to Mr. Trufield
the ^{man} that put the Pump in

Hollis December 1849

Ebenezer Ranger Dr

Paid Mr Patch for work -- 8 00

to Leathers -- 1 65

to Work done on House with man 23 67

and oxen

to Emerson Bill -- 72 95

to Stone Funnell -- 1 37

9 Paid for Belt for well 72

to Cash 1 00

Paid Simon Spaulding Bill for Shingles 21 00

Paid Rickett Bill for Boards 33 60

163 76

Hollis January 1850

Ebenezer Ranger

to Cash to Pay Hale 3 75

to Cash to pay for Molasses 1 12

4 to 1 Stick Timber -- 50

7 to Carting wood -- 50

9 to 1015 feet Boards 11 45

15 Took Bleed to Sheep

March 16 to Cash -- 5 25

18 to Hauling Wood -- 1 00

23 to 16 lbs. Pork at 10 cents per Pound 1 80

April 3 to 1 Green jacket -- 0 75

22 to 11 lbs. Pork at 10 cents per lb 1 10

to Carting 4 Loads chips from Beverly to House 2 00

to Cash -- 2 00

May 4 to 1 Bushel Corn 90

to 1 1/2 Bushel oats to sow 48

9 to 1 Days work for blood -- 50

13 to \$3 to Pork & 7 5 41

26 to 1 Sone Pot 68

18 to 10 1/2 lb Potash @ 10 21 05

To 1/2 Days work for in garden 1850 25

Settled up to this date 42 61

Hollis April 22 1850

Ebenzer Ranger began to work for me
this day of April 22nd at fourteen Dollars
per month

Ebenzer Ranger

May 28 to 1/2 Days	Work for Self	2 25
29 to 1 day	do do	50
30 to 1 do	do do	50
	to cutting 3 Loads Wood from Wood	75
31 to 2	Speling Books	25
	to 4 lb Coffee	25
June 16 to 1/2 Bushel	Rye	50
	to 24 feet Boards	30
	to 1/2 Bushel Potatoes	12 1/2
July 6 to 2 gallons	Molasses	50
	to 4 lb Coffee & 1/4 Snuff	62
	to 1 lb Flour	
July 16 to	Cloth for Shirts	1, 00
August 5 to 2 gallons	Molasses	50
16 to	Cash	25
	to 1/2 day	25
	to 3 lb Coffee	42
	to 1/2 Bushels Corn	45
September 3 to 4 days	work for Self	2 00
	to do to get onto & through them	1 00
	to Coffee & Sugar & Tea	70
Sept 14 to 1/2 bush.	Salt	2 1/2
do	1 bush. Rye	1 00
do	1/2 bush. Corn	45
do	Cash	4 25
	to 24 feet Boards	30
	to 2 bush Potatoes	50
Jan 1851 to	hauling 4 Loads Chips from G. Bedouin to house	2 00
	1/2 days Work for old man & son	1 00

settled up to this date Jan 28 1852

Hollis March

1850

took Hue Jones Hopper to keep
y^{rs} 15 sent him to pasture

Apr 22 Mr E. Conant took Mr H. Jones
Sheep to day

Hollis June 7th 1853
Began to Pasture
E. Conant's Sheep today
Apr 26 E. Conant's Sheep left
my Pasture to day

Paid Hollis May 14 1850
Received ten Dollars and Twenty five Cents
from Mr Parker the Blacksmith
for Hue Jones

Stollis June 6 1850

Ebenzer

Ranger

Dr

By 52 lb Lead & 6

33

Sept 3

or for Gray plank

133

July 28 1851

Ebenzer

Ranger

Dr

To 10 for Hay

80 00

Hollis May 9 1850

Henry Fox

to 16 Bushel Oats @ 45

Dollars Cent

7 20

~~Hollis 1851
Henry Fox Dr
To 10 Cords Wood
Cash~~

~~8 00~~

~~100~~

Ellis April 1 1850

Samuel w Fox began to work for me

May 14	Samuel w Fox	Dr.	
	to cash		4 00
31	to cash		4 00
August	to 1 Pair Houts		2 50
	to cash		33
	to cash		15 00
	to 2 Bushels corn		1 90
Sept 3 to 19	to Port & 10		40

~~Ellis 1850~~

~~Chas Ranger~~

July	To hauling logs	\$1 00
July	To hauling stone	50
Oct.	To Cash	5 76
Dec	To Fox clothes	1 50

4.76

Hollis July 2nd 1851
 Chenere Ranger . 8 62
 To 17 1/2 days work 21 25
 To one day work 1 25

Hollis April 2nd 1852
 April Chenere Ranger 62
 April By 1 Rough beam 25
 April " " S. Hethcock for cart 12 1/2
 April " 9 Peach trees 112 1/2
 April " 95 Pickets 35
 April " 17 days Work 21 25
 Oct. " 1 day Work 1 00
 Oct. " 1 Sadder 1 75
 Oct. " 1 day Work 75
 Oct. " 1 bushel meal 62 1/2
 Oct. " 1 hot flour barrels 38
 Dec 31st Board 10 ft 10
 Dec 31st 1 day Work 60
 2498 1/2

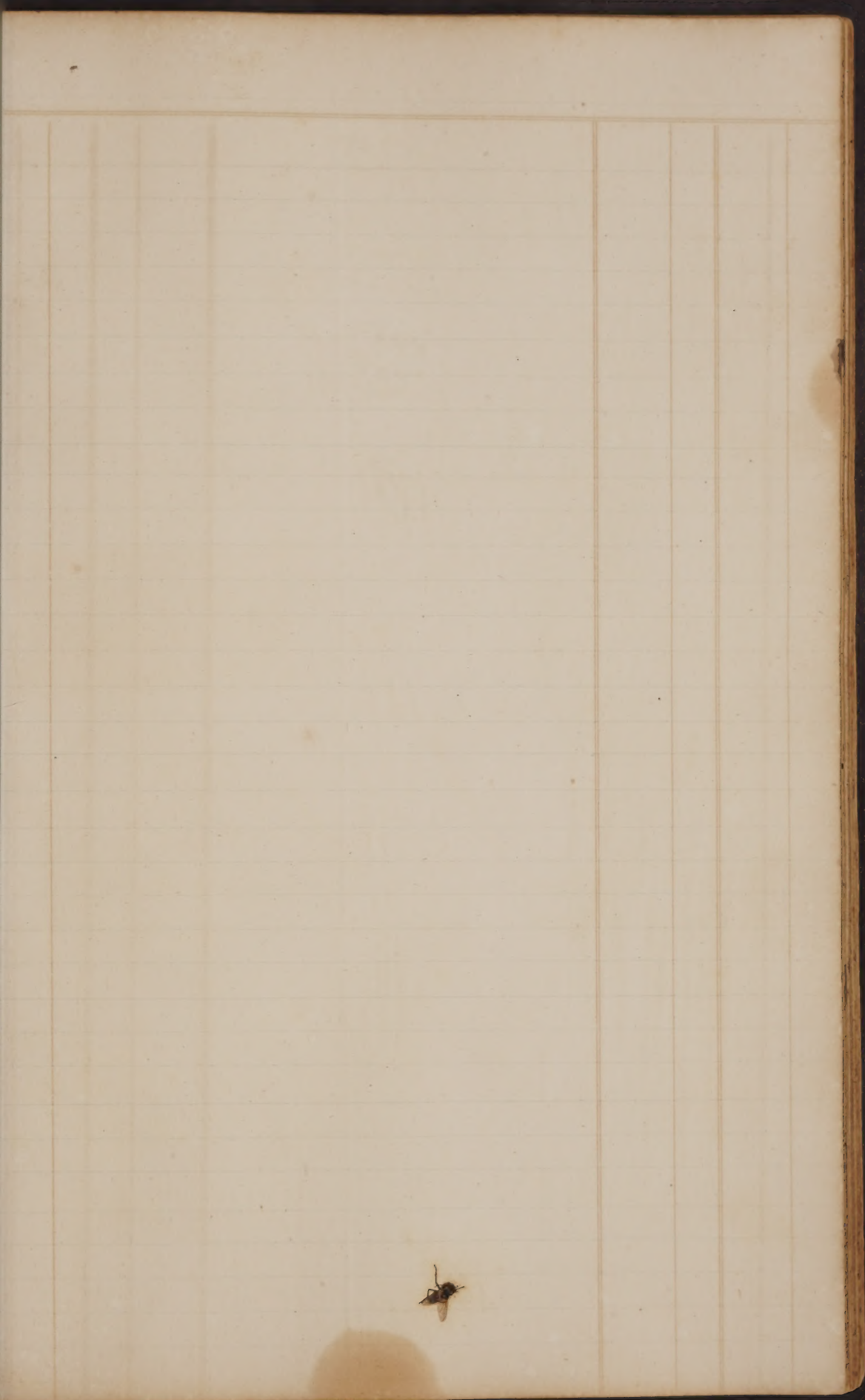


WHEN TO PICK PEACHES.

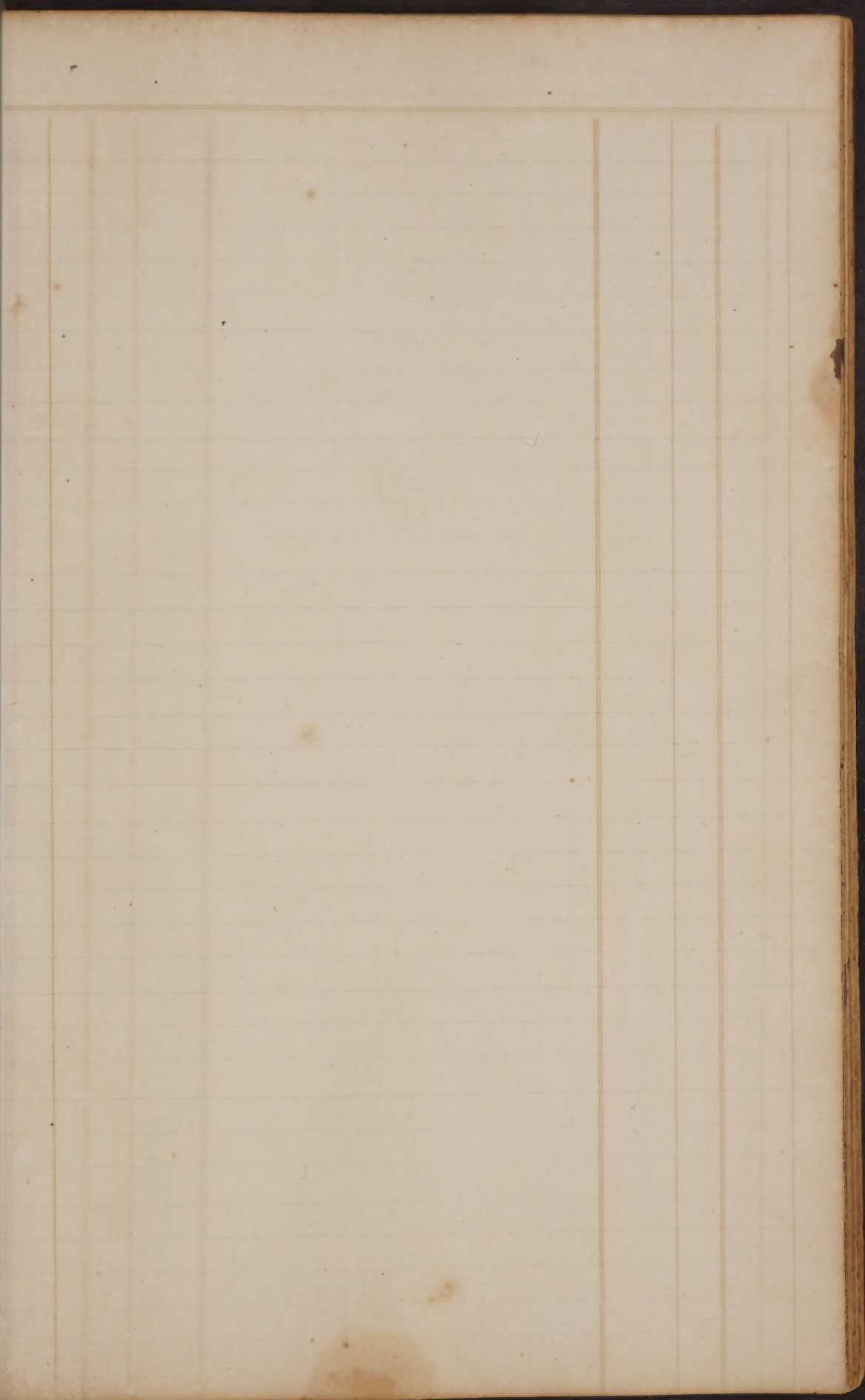
J. H. Hale, the peach grower of Georgia and Connecticut, tells in Rural New Yorker when to pick peaches for distant shipping. He says: "Neither by size nor feeling can you tell anything about it, but just lift up the branches and look at the under or shady side of the peach. In white-fleshed sorts like the Carman and Belle of Georgia when the shady side nearest to the stem end begins to take on a whitish or cream color in place of the green color, then the 'critter' is ready, and you can pull it; you want to get them good and solid and firm. In the yellow varieties, the green hue will begin to turn to a lemon-yellow, and it is ready to be picked. Above all things, do not have anybody feeling your fruit; that will make a brown or bruised spot a little later on. Use your eyes when taking them from the trees, and after they get in the baskets you are all right. Be sure they are not soft enough for good eating when they come off the trees, or you will be up against a loss."

Bees and Fruit.

An insufficient supply of bees will hinder the setting of fruit. While other insects may take a part in the carrying of pollen, the fruit raiser must rely chiefly upon honey bees. Experience shows that, though bees may fly two or three miles, hives should be within half a mile of the orchard or small fruit patch.









Hollis 185

Town of Hollis Dr

To Breaking roads

Feb 7 To 2 men & 1 Pair Oxen 2h

" 22 " 1 man " " 3h

April Page 122
May .. 3 4 5
June .. 4 & 5
July .. 5 & 6
August .. 6 & 7 8
September 9, 10 & 11
October 11, 12 & 13, 14
November 14 15 16 & 17
December 17 18 19 & 20
January 20

2 April 27th 1858

This day has been cold & exceedingly disagreeable till 3 P.M. since then it has been snowing fast. Hauled manure for Sam have taken calf Molly from its mother as I intend to raise it

April 28th " " clear & cold Snow to be seen at sunset Hauling manure

" 29th " " " Pleasant " " Paid Mr. Redmont the balance due John's house

" 30th " " " Rainy at 10 Hauling manure P.M.

May 1st " " " Pleasant Went to Hudson to mill with wheat Hauled manure

" 2nd " " " " Little clouds dropped but cold Brought the cows to pasture Sunday

" 3rd " " " " Hauling manure

" 4th " " " " Spreading " & Harrowing

" 5th " " " " Cloudy Harrowing till 5 P.M. furrowing

" 6th " " " " Rainy Have been getting

" 7th " " " " Cloudy finished furrowing Planted 5 bush Potatoes

" 8th " " " " Pleasant Planting corn Mother left for Worcester in 11th train

" 9th " " " " cloudy but cleared off at noon Sunday was up with Sarah Pig till 2 last night she had 4 saved 5

" 10th " " " " Pleasant Planting corn

" 11th " " " " Cloudy till Ploughed Geop for same Rainy till Planted corn.

" 12th " " " " Cloudy finished Planting She killed 2 acres Mother returned this day Henry P came wither

" 13th " " " " clear & cold Setting fence at 10 Hauling stone & preparing fence for muttons P.M.

May 14th 1858

85

This day has been very Pleasant Planted corn
this of 16 Hauled corn P.M.

May 15th " " " " Had snowed much & snow
the fodder can have finished cutting
manure for the spring had cost
the loads which has been disposed
off as follows 45 on hay 45 spread
on corn & 10 in the hill

" 16th " " " " Fair & cold Sun day

" 17th " " " " " " " " Hauling corn to 16 jobbing

" 18th " " " " Cold rainy & disagreeable Had finished
pulling the pig pen Had put in 4 loads

" 19th " " " " Cold & cloudy Hauling corn & jobbing

" 20th " " " " " " " " Rainy went to Woking to 16
jobbing P.M.

" 21st " " " " Rainy in the morning cleared up
barn & Pleasant mowed hay
& lived on at 16 Hauled 4 loads

corn P.M.

" 22nd " " " " Cold & rainy Hauled 4 loads corn

" 23rd " " " " Pleasant Sunday & slight frost in
low land

" 24th " " " " Cloudy Got the stess shot headed Garden
& built fence

" 25th " " " " Pleasant Hauled 4 loads corn P.M.
Built wall P.M. has the appearance of
Rain to night

" 26th " " " " Cloudy with rain this evening Haul
Hauled 7 loads corn

" 27th " " " " Rainy been mowing hay & fixing
cross to house

" 28th " " " " Pleasant Hauled 5 loads corn

" 29 " " " " Went to Woking spent the
afternoon with Capt Reed on
business for plant Kennel
& Capt Smith

4 May 30 1858

- This day has been Pleasant Sunday
May 31st " " " " " " Went to Hudson
" " " " " " to mill with Wheat Haul
June 1st " " " " " " Had frost 3 night in succession
" " " " " " " " Went to Washington with other
" " " " " " " " Lake went to attend the P. Court respecting
" " " " " " " " Kelly Blanks bill the being a witness then to
" " " " " " " " Set stone Post for the gate at the corner
" 2nd " " " " " " " " Worked on the gate till the day being
" " " " " " " " Election day dropped the remainder of
" " " " " " " " it to Sunday who are out in the early train
" 3rd " " " " " " " " Worked on the Highway
" 4th " " " " " " " " At 11 Henry P. 116 " " " " At 116 on gate P. 116.
" " " " " " " " Grey changed her call
" 5th " " " " " " " " Had a cutting Stone had a sub head ache
" 6th " " " " " " " " Soft Showers Sunday little clouds
" 7th " " " " " " " " Went to Washburn 116 Had the garden
" " " " " " " " Had a swarm of bees
" 8th " " " " " " " " Pleasant of Henry 116 Had my fur sam P. 116
" " " " " " " " Had a swarm of bees
" 9th " " " " " " " " Cloudy with showers Had fur sam sent to mill
" 10th " " " " " " " " Showery in the morning but pleasant afternoon
" " " " " " " " Went to Branches up in town & fishing
" " " " " " " " & ploughed Potatoes for sam
" 11th " " " " " " " " Pleasant fine hot sunny for sam 116
" " " " " " " " Had fur myself P. 116 Lierre came
" " " " " " " " on the late train Cloudy
" 11th " " " " " " " " very Peary Great Rain & Sprinkled Potatoes
" 12th " " " " " " " " Cloudy Sunday
" 13th " " " " " " " " Pleasant finished Henry first time
" 14th " " " " " " " " Rainy & strong
" 15th " " " " " " " " Pleasant at work on way on 116
" 16th " " " " " " " " Henry garden P. 116
" 17th " " " " " " " " Haying & strong
" 18th " " " " " " " " Ploughing new ground at 11
" " " " " " " " getting in hay P. 116

August 2nd 1858

7

This day has been Cloudy Unloaded a load of barley afternoon & threshed the run from the mill to his Reeds land Put on 14 horse cart

- Load & 1/2 bushel red pop seed Henry left ^{early train} in the
- Aug 3 " " " " Cloudy Threshed house & threshed 42
Sticks of Oat for Sam Harvest & got
in 2 loads barley for myself
have 3 fair loads of barley from the mill
- " 4th " " " " This rainy day of the season
unloaded 2 loads Barley fixed
a stall for Michael
- " 5th " " " " Cloudy at Mill Threshed 54 bush barley
for P. M. Harvested 30 Sticks Oat
- " 6th " " " " Showery Harvested (for Sam
my wheat have 24 sticks on the mill
& 11 Sticks Oat for Sam Harvest that
the old cart ^{group} was successfully used
- " 7th " " " " Showery at Mill for P. M.
Harvested 12 Sticks Oat & got
in 33 that stored Went to
milk this morning
- " 8th " " " " Pleasant & sunny Clough
9th " " " " Got in Sam's Barley
& a load of mixed Oat
after dark
- " 10th " " " " Cloudy & stormy
Harvested 16th Oat for Sam
Threshed 6th wheat
- " 11th " " " " " " Threshed 12th Wheat
Harvested the last of Sam's oats
- " 12th " " " " " " Rainy A. M. finished the Wheat
Had 10 bushels for P. M. Cleaned my Wheat
Put away the hay to the
the Wagon & Lorry of Rumbert & Co.
went for 2 Saloon

6th August 13th This day has been pleasant

Went to ride with Mr. Wagon & Lady O. Sam
the morning went to Alaskan with mother
& Emma. Got a load wood for fence

from Mr. Henderson. At Mr. W. & Lady
left for La Crosse

14th " " " " " " Got the Green Shade
Threshed barley got
a load wood for fence

15th " " " " " " Sunday Sam's Charles broke
the shaft of the cap in the
Horse shed

16th " " " " " " Breaking up for Sam
went to town this evening

17th " " " " " " Misty in the morning clear at noon
showery this afternoon Ploughed for
Sam this forenoon for myself this afternoon
Went to town this evening bought some
books. Heard the Queen's message had
passed the Atlantic Telegraph

18th " " " " " " Pleasant Ploughing grass ground
has the appearance of a shower to night

18th " " " " " " Threshed till 9 at old mill to Mr.
Wheeler & brought home Mrs. Davis
& Miss Wagon of W. York city
Have ploughed grass this afternoon

20th " " " " " " Breaking up first in low lands
so reported I did not see any

21st " " " " " " Breaking up for myself. H. M.
Same P. M.

22nd " " " " " " Sunday Mr. H. Conant went
to church with me all day

23rd " " " " " " Cool & windy. It was on rising
new ground. Gained back
barley sent Sam & Charles
Have had a slight headache
this afternoon

August 24th This has been a pleasant

9

MULCHING STRAWBERRIES.

One often reads of intensive cultivation, but here is a case of intensive manuring, since the strawberry patch is only one-tenth of an acre. A Long Island writer in the Rural New Yorker is its owner, and here is what he says of its management. Note, also, what he says about working fodder stuff into the soil:

Before the ground becomes frozen about November 15, I put a man through the rows two foot way with a horse and cultivator. Two old shoes on front, following two shoes were taken off, and on the rear a large shoe was placed to dig deep and make a furrow. This operation was followed shortly with a mulch of green New York City horse manure, twenty tons at \$1.60 per ton, with one-half mile to haul. In turn the manure was covered with salt or meadow hay, of which I used eight team loads at \$5 per load. At present the field has the appearance of being a mat of hay several inches deep. That late cultivation was given for two reasons, viz.: this field is level with one or two slight depressions capable of holding surface water, when the ground is frozen. The deep furrow and heavy mulch will prevent hard freezing in the bottom of furrow, and will let the water pass through quickly. As the mulch will remain on next spring and the ground had become somewhat hard, I thought it would be well to loosen it somewhat, thereby being in better condition to retain moisture at a critical time if needed. I will send a boy over the field next spring, drawing the mulch from directly over the plants.

I am not afraid of getting too much odder into my soil for strawberries or anything else. I would not use it too heavily as a mulch, however, as it would be too close and perhaps kill the plants. Did that heavy shoe on the cultivator, in going so deep, injure the plants by destroying some roots? I think not, for several times throughout the growing season it was put through the rows, after which the hoeing made all level again. From past experience I have learned that for one to get large profits from strawberries I must have courage to follow out my ideas and pay heavily for labor, manure, etc., before picking a berry..

RASPBERRY NOT SENSITIVE.

Fortunately the raspberry, like the strawberry, is not overly sensitive in regard to soil, except that it must not be heavy and wet. Any good soil that is well drained and that will produce a good crop of corn or potatoes will produce a good crop of raspberries. It should be deep and porous so as to furnish plenty of moisture for the roots during a dry season. It should be made rich to begin with, and then all subsequent fertilizers needed may be added later in the shape of barn manure as a mulch. Sod land should be avoided for new plantations, as the plants are more liable to dry out. —Farmers' Home Journal.

RASPBERRY ANTHRACNOSE.

What is the trouble with my raspberry vines? The leaves die and drop off as though they had been cut. Last year the vines did not die until berries were half grown; then they commenced to turn yellow at or near the end of the canes. Only the preceding year's growth is affected each year. Is there a remedy for this pest? If so, what is it?—O. R. B.

Answer—It was impossible to determine from the small twig you sent what the trouble is with your raspberry canes, but anthracnose is most likely the disease that affects them. Cut off the diseased limbs and burn them, and spray with Bordeaux mixture early next spring. This disease is very common, both on raspberry and blackberry canes, and is very destructive. It propagates by spores, and it is very important that the diseased stems be burned so as to destroy the spores, and thus prevent the spread of the disease the next season.—Indiana Farmer.

Sun
Mourning
to the

up of the

" "

to work on my field

Threshing barley

ing barley

have this morning

here club

Monday

" Hauling straw from my field

sold my steers to Mr. Leonard

418 1/2 for \$400

" Sowed 1 1/2 bush. rye

" Had have shot picked apples pulled
beans

Went to Lowell to watch load come
to \$250 Pulled beans P.M.

and hat has the appearance of rain tonight

Went to town & to mill at Mr. Saml. Paul's

" " " to carry mother to meeting
and hauled 2 loads rails
from the plain this afternoon

Cloudy & Showery setting fence
round the eye Bought yoke of Oxen
of Otes Smith Paid \$70

pleasant Sunday

" Looking apples

Went to the evening

bought 444 for \$6 1/4

Sam paid me 2 1/2 bush barley

Looking apples at etc.

cutting stacks P.M.

Sept 4 This day has been pleasant

- Have been threshing & cutting stacks
 " 8th " " " Day Hot Loaded apples for market
 & cut stacks Friend Daniel Russell
 Has married in evening this evening
 " 10th " " " " Went to Ashburn to market Load came
 to \$1.85 Threshed barley P.M.
 " 11th " " " " Cloudy in the forenoon Rain in the afternoon
 finished threshing my barley Went to town this
 evening to attend a meeting of fire department
 Moved 4 bushels barley into Sam & his
 " 12th " " " " Pleasant Sunday
 " 13th " " " " Have not felt at all well
 Left wagon & loaded a load for market
 " 14th " " " " & Cool Went to Ashburn to market Load
 came \$1.64 Cut stacks for Sam P.M.
 " 15th " " " " Clear & Cloudy Tonight cloudy Wind N.E.
 Have been mowing the fence in the pasture
 & picking apples
 " 16th " " " " Very Rainy Cleared up at Sunset
 Moved the remainder of my barley
 Had 48 bushels in the pile
 Put Sam 2 bushels loaded load
 for market
 " 17th " " " " Pleasant Went to Ashburn to
 market Load came to \$1.25
 Mr J. S. Worcester & two children (them)
 & brother Eben arrived in the forenoon
 " 18th " " " " Went to mill O.M. or went
 to town to engene meeting
 " 19th " " " " Sunday
 " 20th " " " " Very warm Potatoes sent
 to town this evening
 There is a corn to be run
 in the N. W.

Sept 21st 1858

11

This day has been pleasant but very hot

Have been digging potatoes

22nd but very cool
finished the potatoes had
20 bushels on the pieces
Picked Apples & etc.

23 Went to Ashmun to market load
came to \$128
Mr. Worcester & children left
in the early train

24th Shovoy threshed my beans
had 1 3/4 bushels Went to mill
& covered my yard with wheat
straw sent Sam & Carl barley

25th Got the well Picked apples
Went to Engine meeting
Had a severe frost last night
& a slight frost the night previous

26th Had a severe Frost Sunday

27 Picking apples
Sold my winter apples to Mr
Griffin to be delivered 15th Oct

28th Went to Ashmun to market load
came to \$125 Henry P. came
home with me Picked apples & etc.

29th Has the appearance of rain
picked apples had 5 Burells
Golden Raisins & Honey mead
buck this morning

30th picking apples

Oct 1st Cloudy & dr Shovoy & Meritt the
appearance of rain tonight
Went to Ashmun to market
load came to 109
Picked apples

12

October 2nd 1858

This day has been pleasant

Oct 3rd

Have been picking up apples

" 4th

Sunday

Cloudy with strong wind

Have been picking up apples

& jobbing

Honey come in the early I
left in the late truck" 5th

Went to Ashland to market

Load came to office

Picked apples

" 6th

Went to Depot to convey

Ethen Picked apples

" 7th

Cloudy & B. Rainy & B.

been picking up to have picked

a bushell bought a 2 bushel bushell

" 8th

Cold but pleasant

Have finished picking up apples

" 9th

Jobbing at the got in Load Corn

" 10th

Went to Esque mending & etc

Sunday

" 11th

Went to mill harvesting Corn

" 12th

Harvest corn Went to Ashland

to market Load came to office

Start the appearance of rain to night

" 13th

Rainy & B. B. B.

" 14th

Pleasant put in a stone sill to the

shed got in Load corn

" 15th

Have attended a cattle show at Ashland

the attendance was large & the show

respectable The novelty was

a green pig let loose on the

trotting track anyone by one door

could chase him & it was successful

head the pig The chase was

re of 1/4 of evening

227 Halls October 28 1856

This day has been pleasant

Oct 29th

Have been ploughing & sowing

till nearly night when it became
cloudy & began to rain it is still
and mild Have been ploughing

Street ground

Harvested my vegetables

" 30th

Rainy & dull & I did nothing

Went to the mill for the corn

& threshed the rest of the beam

Went to town this evening to

attend an Engine meeting

" 31st

Excellent & Pleasant for the season

Friday

November 1st

Very mild & pleasant

Have finished ploughing my
street ground & commenced to

harrow my ground that I intend

to plant next year Went to town

this evening Sam & myself paid

for the collection of taxes

\$32.60 Mr Haywood paid me \$3.60

for the straw

" 2nd

a real Siberian day cold cloudy and

disagreeable Self & Sam till a day

finished harrowing my planting

ground & hauled 4 loads manure

on to a piece & sowing potatoes with

potatoes next spring Charles Snow

called this afternoon looked my steers

for the first time they belunked

artificially

Hollis November 3rd 1858

151

This day has been cold & cloudy

Have been hauling manure

Went to town this evening

Mr Charles Hove came with H.

Went to town this evening
Raining here during the day
to the horses who left to night

Went to town this evening
Misty & Cloudy

Finished manuring the piece

I harrowed it in & laid put in

14 loads & harrowed my garden

I sowed it & ploughed it twice

ploughed my melon ground

I sowed it down to grass

Went to town this evening
Cloudy & cold Raining with hail & snow

Went to mill this morning afternoon & evening

Went to burn to stanching & get my corn

shod this afternoon & have been at work

on Sans Lants

In looking over my year work I find

I have raised as follows Hay by estimate 12 tons

Barley 48 bushels

Wheat 11 bushels

Corn 152 bushels

Potatoes 20 bushels

Apples 869, 61 bushels

Chestnuts 7, 14 bushels

Straw & corn fodder 2 tons

I have used 100 loads of

manure for these crops since

Maying I sowed 12 loads of

top dressing and 14 loads

to manure a piece which I

intend to plant next

spring making 126 loads

this year

No. Keller November 7th 1858

This day was rainy during the morning but
cleared off Sunday

Nov 8th This day has been pleasant
Went to the Depot to carry Lirre
Worked on Sam's Stanchions

" 9 " " " " Finished Sam's Saddle &
put up the Saddle for the first
time this season Went to train
this evening to see the Diarmon
of the battle of Lexington
It was a very good thing

" 10th " " " " " till toward night when we
had a snow squall Ploughing
strook ground for Sam Cornell &
Mupha to the Depot the
left for W. York via Worcester
in the noon train Went to
North River this evening and
was up for brother Henry

" 11th " " " " " Pleasant The ground froze to the
depth of an inch last night Had
finish Sam's ploughing an haul
& loads team for myself

" 12th " " " " " Fair & cold
Hauled & loads team

" 13th " " " " " Cold & cloudy Hauled & loads team
for the Mill

" 14th " " " " " Fair but cold & Windy Snow fell during
the night enough to Whiten the ground
Dr Morris came with him a kind of
to keep at the 5 parson's on New Sunday

" 15th " " " " " Pleasant & fair

" 16th " " " " " Pleasant Got silts & parts for
Lirre's house hauled the cellar & fixed
house

Hollis November 17th 1857

17

This day has been clear and

Have been digging stumps
Worked for some time

Nov 18 morning pulling stumps

This morning

Nov 19 morning

Went to Mr. Brees from there to
Emerson's mill and got load stumps
pulled stumps

Nov 20 morning

pulling stumps went to down the morning

Nov 21 morning

Sunday Went to Peppell this
evening to attend a School of
singing the preachers notes were new
and well I do not exactly agree with him
pulling feeding & pulling stumps

Nov 22 morning

Snowing have been doing

Nov 24 morning

Cutting stumps

season

Nov 25 morning

Took my first sleigh ride this
thunder gloomy sent his family
& Luries children down
with us

Nov 26 morning

Hauled a load wood for Lurie
& split stumps

Nov 27 morning

Hauled & split stumps tonight

Nov 28 morning

Has the appearance of a storm
Sunday Cloudy Snowing this afternoon
pleasant Went to work

Nov 29 morning

finished splitting stumps

Nov 30 morning

Snowing this morning for rest of day
Killed a hog carried here, went
to Depot got Michael & had hauled
load wood

Dec 1st This is the first day of winter and it has
been a real winter day Cut up & salted my pork
Went to Depot to carry Mrs. Green's boxes
Went to Mr. Rogers's election

December 19th 1858

19

- This day has been exceedingly Cold Sunday
Dec 20th in the morn very mild & pleasant
Hauling logs for Davis sent 3 loads
" 21st morn commenced snowing but turned warm
been splitting stumps
Sessie paid Mother \$27 do day
" 22nd morn Cold & Windy the snow is heavily
loaded with ice & when the sun is
out look splendidly have been
Hauling logs for Davis hauled
4 loads
" 23rd morn Cold & Cloudy some ice still
on the trees It was fine sleighing
Had finished Davis job hauled
15 loads for which he paid me \$150
" 24th morn Cold & Cloudy finished splitting
stumps Went to mill Went to town
this evening Paid the balance \$16.70
due on T. and O. feet wood which bought of
Richard & Bay on June Paid Henry
Bryce \$16.50 as directed in a letter
received from him the morning
Paid the balance \$10.00 of the Taxes
due on this estate
" 25th Snowy day Weather mild & pleasant
cutting wood Went to town
this evening
" 26th morn Pleasant Sunday
" 27th morn Had a snow Squall
this afternoon Went to town
this morning & brought Mr.
McLennan who fixed the pump
in the well cut wood in the am.
" 28th morn Mild but not very settled
finished cutting wood at the close
Got a load from the plain.

20

December 27 This day has been mild & pleasant

Cut a load of wood at the door went to the
flair & got another

Dec 30ⁿ Clear with heavy snow wind from the N.E. extremely cold &
Disagreeable Went to Hudson to
mill with wheat did not get it
ground as there was no water
went sled & cut wood. P.M.

" 31 Snowy in the morning but
turned to rain mended horse
sled & cut wood all the rest of the
afternoon

January 1, 1859 This day has been cloudy but mild
Got Dr. Thomas's horse shod paid \$1.00
Cut wood at the door Went to mill
Went to town this evening

" 2^d Pleasant Sunday
" 3 Cold & cloudy Wind N.E. & fresh
Went to Grouseport to mill with wheat
Got last wood

" 4ⁿ To-day we have had driving storm
snow has fallen to the depth of
15 inches & badly drifted killed
6 chickens & a Turkey slept at
Larrie

" 5ⁿ This day has been pleasant broke
boards with my Oxen & horse
shoveled the snow from the
buildings

" 6ⁿ This day has been a mild bright sunny day
Cut wood at the door cut a chestnut tree in the
pasture

" 7^a There is a donation party at Mr. Day's
Samuel & his wife have gone
warm & sunny cutting wood
at the door

January 8th 1859

26

This day has been cold & Windy
Cut a Chestnut tree & cut most of the
furnish feeding my corn fields

Jan 9
This day has been pleasant but cold the thermometer
stood at from 7° to 10° below at different places
this morning Sunday

10th
very & exceedingly cold thermometer
ranging from 6° to 14° below

Chopped wood at the door this morning and
cut & hauled a Chestnut tree did not
milk Clough before to night

11th
This day has been cold & Cloudy with snow
thermometer ranged from 21° to 27° below
cutting wood at the door Went to town this
afternoon brought a wood saw back to town

this evening

12th
This day has been cold & Squally thermometer
10° below in the morning & about at night

cutting wood two loads went
for fire Went to town in the
evening Engaged 5 cords of wood of
Redwood & 4 day for haying at \$3, cut
Dr. Willoughby took Dr. Morris
horse

13th
This day has been cloudy but mild
the trees look beautifully being covered
with frost - Went to the plain & got
load wood mowed the last of my straw
this morning - Gave the end of one
of my Shinnies

14th
The weather today mild & Cloudy with snow
when it commenced to snow - Went to
have turned to rain - Went to the
plain & cut an Elm tree split wood
at the door Henry & I left in
the late train

2^d
January 15/1854

This day has been rainy

I have devoted the day to brother Henry
Paid Henry \$3.50

Jan 16th ----- pleasant Sunday

" 17th ----- Sy. coldly but mild Went to Mrs. Puller

with Henry Sawed wood

Am General Wright paid me \$4.00
paid H. G. V. Smith \$9.00
for my self & \$8.00 for Henry, Tot

" 18th pleasant Henry & Wife left in the
middle train Sawing & splitting wood
Went to mill Two men called & wanted
to stay over night I could not refuse them
so I gave them a supper & put them to bed

" 19th pleasant Splitting wood Shred \$3.00
of Daniel Bailey for 1 year Paid D. W. Pierce
\$5.00 interest Went to town

20th ----- very pleasant Setting up wood
Went to town Earnie arrived in
the late train

21st ----- Sun Rainy Shaved wood
for Mr. Langley worked in the house

22nd ----- Cloudy hot mild Got land Wood
Went to mill Went to town
for my three boats.

23rd ----- Pleasant Sunday

24th ----- pleasant I have shipped wood at
the plain Saxe hauled wood
home Mr. Glendon asked for me
Hauled 2 loads wood
& chopped some of the wood

25th ----- I have given me \$25.00 to care for her
Splitting wood at the saw mill
Paid Bill two pigs sent to town
Paid \$1.00 for service

26th ----- Splitting wood at the saw mill
Paid Bill two pigs sent to town
Paid \$1.00 for service

Thursday Jan 21 1859

83

This day has been pleasant

Left for Washington with Sister & Children
in the noon train arrived at home at 4 P.M.

28 Rainy returned at 4 P.M. by the same called
on brother Henry

29 Rain still returned

30 Pleasant Sunday

31 " " " " left for N. York
arrived at the Hotel house at
Chic. at

Feb 1 Pleasant left for Washington
arrived there at 8 o'clock

2 Pleasant during the day commenced
to rain in the evening
visited the Patent office the capital
Smithsonian institute & took a look
at the city;

3 left for N. York & arrived
in that city at 12 P.M. being

4 Pleasant spent the day with Susan
5 " " " " left for N. York to arrive
at 4 P.M.

6 " " " " till evening when it
commenced to snow Sunday

7 Pleasant left for home in the
evening train arrived at 7 P.M.

8 Cloudy putting things to rights
chopping wood went to Mrs. Branches
Dr. Wilcox by branch Dr. Harris horse
back today

9 Rainy January

10 Pleasant Shelled Hay
Chopping wood

24th 16
February 11. 1869

This day has been pleasant
fishing

Feb 12 Cloudy fishing at M. cutting wood P.M.

13th pleasant Sunday

14th " Cutting wood at the door
carried leather to aunt Hannahs

15th Cloudy Bury this evening
cutting wood at the door Got a tree
from the plains Went to look
at Samsons Over Went for leather

16 Cloudy in the morning but cleared off
fishing up and chopping wood
Saw rough a quail Over of Mrs Kenge
of Beaverton for \$90.00

17 pleasant Cutting & hauling lumber & wood
from the plains Went to Mrs Farley
for mother

18 Snow & Rain cleared off in the evening
Went to mill

19 Pleasant Cutting wood at the door
Went to Mrs Senrups

to carry & bury mother

20 This day has been rainy clear this evening
Sunday

21 " " " " clear but very blustering
Chopped wood at the door
Went to the plains and
got a small load

22nd " " " " Chopped wood at the door
& fished

23 " " " " Killed my Pig Went
to town Agreed agree
with Mrs Senrups Farley to make
new pair Cart wheels & cut in the horses
for fifteen dollars also agreed with

Heads Wednesday February 23rd continues

Mr Hill to set the hands & Bers for 2 dollars
& forty five cents - Went to town this
evening to hear a lecture by
Mr Ralph H. Cutter

Feb 24 This morning was stormy cleared off at noon
Went to Ashua & carried my fire which I sold
to Whitford & Boman for 6⁰⁰ for pounds
weighed 24 lbs, came to \$20.40 Went to town
& paid Mr Leonard Bailey for making
my coat wheels \$15.00

25 This day has been pleasant but very a
cut down at Mr. Went to the place
& cut a couple of trees to make the
saw fire for a Haycock

26 have a cold N.E. snow stormy day
Went to Mrs Wright & Mr. Biers
& chopped a little wood at the door
Went to Mr. Lennings (Haycock) &
carried my wheel here

27 pleasant Sunday

28 but windy
Hearing timber Haycock sides
and sleep for some time

March 1st very cold and windy
going this morning got a small
load of wood & carried it to the P.M.
Saw a sheep dropped her calf today
"Jan and old" Colony at the
Went to town to hear Col. G. H. George
delivered a denunciated stump speech
sold my Oxen to F. C. Hill for
\$115.

3rd went down my Oxen to Ashua &
received my money went to town to hear W. George
& A. Stephens deliver a Republican stump speech

March of this day commenced with snow & frost snow

falling during the night and early morning
it turned to rain & cleared up about noon

At work on my Haycock this afternoon

Had a snow squall this morning cleared off pleasant

Got Horse load away from the plains & set it up

Traveled Dr. Mrs. Horse got least dry and

Pleasant Sunday

Very pleasant Went to Brookline with Mr. Reed

I bought a globe of Earth of Mrs. Fairbank
paid him \$82,

A cold N. E. fair storm

Some meeting for choir of State County &

Some Officers the Democratic Party about

25 majority did not vote for any but two of
the Selectmen

Pleasant Went to Barn Meeting this forenoon

Spent the afternoon including present who
happened to call in

Officers chosen J. H. Butter Rep to General Court

Best Selectmen J. E. Smith C. Henday J. D. Parker

Overseers of the Poor Wm. Ames H. B. Gray

Pleasant Cutting wood Got a tree from the plain

Pleasant cloudy this evening

Got least snow from the plains split some
at the door Got least Saw dust

White dropped her calf

Saw the first flock of Geese this season

It was a Southerly fair Went to town

Got a shoe set on Dr. Harris horse paid \$3.00

This day has been pleasant Sunday

Have received Blue Books for several days

Hunted I took logs to the mill

Black Birds & Robins

Have made their appearance

in theough brook in early morning

March 15-1857

This has been a very rainy day
Made a shaming horse also made 3 b. h. p. stalks

16

This day has been windy but not very cold
Got Dr. Morris's horse shod 77th

Shaved 2 cows shod for Randall

Saw the first bayonet pop the house
since 23 October 1855

17

This day has been pleasant

Loaded 2 loads and then Flagg's

Got for horse got first from
the mill Spent the evening at Sam's with a
few friends

18

This day has been rainy

Covered horses to J. Jewett's

Medicated & sharpened 10 feet

19

High wind clear with occasional rain

Tinsley Green called me at 3 o'clock

He was fearful that his barn would

be washed away as the water had risen

very much during the night stayed till

1st of 6th went down again after breakfast

found the barn all right Spent time &

waited for

20

Clear & cold Sunday

21

Pleasant Shipped Sam Hunt's loads

and waited for

22

Pleasant this morning Clear & cold

has the appearance of rain tonight

Went to see Jewett's & see French

fixed the bridge on the road leading to the 4th

Trained Gies got up the road & about up

23

Rainy Went to market, I got Michael from

Went to ^{Horton} look for a trunk belong to Sam

cannot it has left Boston on the 1st of the 12th stopped at the Brannan's house went to

- Museum in the Evening the play were
 it brings in I own obmanes even in
 24 Pleasant - came home in the iron train
 Dr. West & Geo
 25 Rainy - Dr. West after tea had the cross piece
 to my house - Eden came in the morning
 26 Cloudy - finished Dr. West's trees
 that to town on arrival Engine meeting
 Chas. Offens
 27 Pleasant - Went as a hearse to Miss Mary Kinnison
 funeral - Sunday
 28 Pleasant - laid price hall bought 100 Nails
 of Flag & Redman - paid him \$5.00
 Shauled them home
 29 Rainy - Went to Richardson Got my Deer Skulls 125
 Paid Mr. Popple Laying 825.00
 Shipped 100 Nails
 30 Clear & Cold - Went to town bought 1 bush Nuts & App
 seed Paid 1.50 & Mrs. Clark paid 4.00 for the
 set out 1000 planted pines Haverhill P.M.
 31 Clear & Cold - 1000 more pines Shauled 6 loads manure
 Squawly p.m.
 So ends the year

Feb 11 1884	Weather	Work
" 2 nd	Clear & cold Clear & milder Thaw & gusty	Hauling manure Hauled 6 loads Ploughed & spreading manure Hauled 6 loads manure to the New Hill. I brought home my cart wheels. Went home 2.50 for setting lands & trees Sundry Killed dog house he had been shot several days
3	Rainy	Sundry Killed dog house he had been shot several days
4	A cold & squally Disagreeable day	Sowed on acre wheat. Harvested it in. fished off the stone. Hauled 2 loads manure
5	Cold & squally	Hauled 12 loads manure I brought home Orest quaffs
6	Cold & squally	Hauling manure Hauled 6 loads spread & ploughed it in manure
7	Cold	Went to mill Last day Went to the Greenhouses Went to Mrs. Wright on the sunday
8	Cold	Sowed on acre Wheat. Harvested in my Cats & wheat. Harvested a horse water
9	Cold	Put fence ready soeing spread manure I ploughed it in. Hauled 3 loads manure
10	Pleasant	Sunday
11	Snow & Rain ground white	Sowed barley not far from an acre I hauled it in. put up the slugs manure hay I did some other jobs
12	Cloudy & snow off this evening	Went to the house. Bought a belt for the self fixation. Helped Ben plough the green. Hauled 4 loads manure
13	Warmed pleasant	Dug the stone & hauled the barley finished Sundry so day Hauled 4 loads manure set some trees for fence Saw swallows I heard the first time this season

Weather

Work & proceedings

- April 14 Cloudy & Mr Shaw & I
hail the afternoon
Finished manuring the fields
in the pasture put in 52 loads
spread & ploughed it in
shelled bushel corn
- 15 Cloudy & Mr Shaw & I
Hauling manure & ploughing
rows for Sam Deland 15 1/2
bushels corn to Richard that
I had sold to Mr Lutter
- 16 Raining & Mr Shaw & I
Hauled 2 loads manure for Sam
Got plough & mowed ploughed
piece by the spring brook & a
two for Sam
- 17 Pleasant Sunday
- 18 Pleasant Spread the manure I had Sam
spread for piece
- 19 Pleasant Ploughing up in the old orchard & Mr
Shaw & I went helped take down the liberty
pole went to Mr Reads in the afternoon
- 20 Pleasant finished breaking up. Hauled the manure
I had last manure
- 21 Clear & pleasant Hauling manure hauled 18 loads
Deland Dr. manure spread chain
to Mr Benjamin as directed
- 22 Cloudy & Mr Shaw & I
Hauling manure Hauled 9 loads manure
Hauled 2 loads manure
- 23 Raining but Clear Cherry & I shot our some bag shot our
off my long manure
- 24 Cool Sunday
- 25 Pleasant Hauled 7 loads manure went to a town
meeting called by Mr Jones to say if the
town would reimburse the cost to build an
Engine house if they would not reimburse it
Spent 29 loads manure
- 26 Raining Went to mill & to Mr Briggs I got some seed corn
and a Jack sent to Frenches

- 27 Cloudy Harrowing Used the last of
the hay cut on my farm Turned
the cattle to pasture
- 28 Pleasant Planted $4\frac{1}{2}$ bushels potatoes
Helped Sam.
- 29 Pleasant Broke up the lower end of the fence by the
house Helped Sam break up a piece
Ploughed & one both pieces & planted
it with peas & potatoes Gey dropped
her calf
- 30 Pleasant Shaled 6 loads manure & commenced
the piece below the house planted
 $4\frac{1}{2}$ bushels potatoes Went to Engine meeting
- May 1 Pleasant Sunday Paddy dropped her calf
- 2 Pleasant Set fence at the Plains Bushed the Peas
- 3 Pleasant Planted garden set out trees
Went about Harrowed three furrows
my piece in the pasture one way & planted
a little received 27 dollars from Dr
mums
- 4 Pleasant Planting corn
- 5 Pleasant Bushed the piece in the pasture
& commenced the one in the Orchard
- 6 Pleasant finished planting corn had
planted $13\frac{1}{4}$ acres put 8 loads
manure in the hill planted the row
between the row put on 8 bushels
of ashes on each hill
- 7 Pleasant Shaled 3 loads manure
Helped Sam plant potatoes
- 8 Pleasant This is 12th
Day of May Pleasant Weather Sunday
- 9 Stormy Hunted lumber Paid Mr. Price
100 feet Paid 228 for mowing
Harrowed 3 loads manure
finished the kitchen garden & loads

July 10 1858 Weather

Work & incidents

Rainy

Made false side boards to
my boat Went to town
hailed boat sawdust Went
to J B Beckers & got Right 1/200
to J B Beckers & got Right 1/200
to J B Beckers & got Right 1/200
to J B Beckers & got Right 1/200

11 Rainy still cloudy PM Johny & M Hailed boat sawdust
& 3 loads corn wheel & put on
the barn yard

12 Cloudy with fine rain Mrs Longoy had me Oxen and horse
two sent to mill hauled & loads
corn into the barn yard & 1 load of
sawdust

13 Warm & fine out Hauled 5 loads of corn Went
to town for her blood like as ever
Clough who was in trouble with her
calf Elms life left in man train

14 Pleasant Hauling corn Hauled 8 loads
Bought cow yesterday her
eight weeks old

15 Pleasant Sunday

16 " Went to town & at tenors & hines
my corn Went to the town & hines
and a white frost last night

17 Cloudy & misty Hauled 6 loads of corn & sawdust

18 " " Johny Cape Bend had my Oxen

19 " " Hauled 2 loads corn Johny

20 " " Hauled 1 load sawdust
Sent out some well Johny

21 Rainy the crows are working my corn badly
Planted over corn the crows had
pulled up Johny

22 " Sunday

23 Pleasant Settin up fence & hauled my coal
borrowed 50 mules & 15 loads of hay

24 " " put my fence Benks up
Pole for huns

25 " " hauled wheat up & hauled my

Weather

What I accomplished

- 25 Pleasant Sunny came in the late train
- 26 " Planted beans last night Went to town this evening
- 27 " Went to the Clogston to mill I to the Lumber Went to basketry Street place below the house
- 28 Rainy Got my Chestnut Went to school
- 29 Pleasant Sunday
- 30 " Sleazy corn Henry came to day Went to town this evening
- 31 " Went to basketry Worked on Highway
- 32 Rainy Worked on highway
- 33 Cloudy Went to Cuyler meeting Spent Lorette came in the late train Yesterday
- 34 Pleasant Went to basketry
- 35 Showery Finished the fence in the pasture ploughed the potatoes Henry came in the morning I left in the night train
- 36 " Sleed potatoes Even left in the morning train
- 37 Cool Sunday
- 38 " Sleazy corn slight frost
- 39 Pleasant finished Sunday past time Got Michael's coat
- 40 Cloudy & Rainy Worked for C. & F. Freight at the Lumber house
- 41 Pleasant but cool Worked for F. & L. Freight
- 42 Pleasant & clear Johny
- 43 Showery & the Land ~~of~~ Lorette in school

June
July 26 W. Carter Work & incidents

	Cleared off	Got my Open Shop
		Had a little work to Engine
		meeting
20 Fair		Sunday
21 "		finished haying
22 "		Went to Sulphur with
		Wicks & Wright - stopping
24 "	Manner at night	Got ready for
		Can be a very hot day - had a little
26/30 "		Flaying for Sam
27 "		
28 "	Cloudy shower	Went to Chas. in
	at night	hand paid me for my
		Went back Daniel & Lacy
		fifty three dollars
3	Cloudy	Sunday (to) Does &
		B Eastman called
4	Pleasant	Flaying for Sam
5	"	" " " "
6	"	" " " " My self, Jay
7	"	" " " "
8	"	" " " "
9	"	" " " " for Sam
10	"	Anna's Bell Command & Dray
		horse called
11	"	Flaying for Sam
12	"	" " " "
13	"	" " " "
14	Had a shower	did not spread the Hay
15	pleasant	Flaying for Sam Flaying & M. W.
		Came yesterday back Southern
		\$10.00
16	Clearing	Went just busy
17	Pleasant	Flaying for Sam Sunday
18	"	Flaying for Sam
19	"	" " " "

Herb and insect.

Washed garden Went to London
to get paint purchased my Gals

Spent the time this evening
finished cutting my
Khart & bound it up. Had
35 Stacks of it. I had

Pleasant

Leaves best. Getting in the
Wheat - much since
I got to get my Grain I should
had not succeed get in wheat
about 100 bush. I. Smith
Breaking up for same

Creating life for Lane

Am

... for my self. Phc.

God my Great Shield

but cleared off

Went to town this evening

See entry

Helped Harry through

[Faint handwritten notes at the bottom of the page]

Boy Grip said first in love

Quod nescitis. Huc se habet ad hunc

Half a Penny

Plancher Grapponot for myself

Expos. I Thres and Grapen

John

Drinking

Flourishing Hayfield,

Lowestoft, Suffolk, England

Hauled & lost 4 red gins

The Desert in the East

Went to a dress at Parker
B. & C. to see

in Lead and with me

Weather

Work & Incident

- May 24th Pleasant. Hauling hay at the
The Grange in dry loaded last for some
I cut few stalks P.M.
- 25 A Heavy Rain. Threshing Wheat
till noon when it cleared
- 26 Pleasant. Went to Ashburn to market
last came to 4.15 P.M. returned
I have spent the afternoon
with as sold Dan. 25th bushels
apples
- 27 .. Threshing my Barley black bar
Bled Threshed for me last 25 bushels
Hauled beans cut stalks & sent
to Engle's millinery
- 28 .. Threshing
- 29 .. Hauled field for some
Went to mill & to J. Black's
cleaned up 8 bushels of
Sowed my Peas & Peas 2 loads
Stone
- 30 .. Sent Light Threshing
sent some fruit put up for sale
cleaned up the last of
my Cato had 33 bushels
- Sept 1 Pleasant. Went to still Black's & returned
I hauled Cato Threshing
Wheat
- 2 Shower in the morning. Threshing Wheat
cleaned off cold & windy last 9 bushels
Picked Stone for eye for
- 3 Pleasant. Threshed few more stone
on eye for cut stalks
Threshed my colourless beans
last 1 bushel Threshed
1 bushel of Wheat
some but dry my early Potatoes sent to town

To grow muskmelons in the open requires a warm, well-drained soil as often forced. If the soil has been well manured no special preparation is needed with the soil. A hole is made out eight inches deep and about two square inches into which is thrown about a bushel of compost made of shoddy manure thoroughly mixed with the soil in the hole. There should be enough of this compost to make it level with the surface of the ground. Over this is put about two inches of good loamy soil which raises the hill that much above the surrounding level. The hills are made from six to seven feet apart. A dozen or more seeds are planted about the center of each hill. A few days after the seed is sown, just as or before the plants break through the ground, a bushel of bran, in the proportion of one pound of Paris green to 50 pounds of bran should be sprinkled over the hill. This will kill the cut worms, which are very destructive to plants. The danger of cut worms is over, the plants should be thinned out, leaving only the strongest. When the plants are crowded, the melons do not grow well. To obtain the most uniform and best melons pieces of board or paper should be placed under each to keep it off the ground. The melons could also be turned gradually, not exposing a part which has been underneath at once to the sun, but turning part way at a time. Muskmelons are ripe when they break easily from the vines."

in morning
 sold all day
 hat color
 boots in
 sold
 color of
 shoes
 even tonight

Verb & Incultures

Weather Work & Incidents

- Sept 17th ⁵⁸ P.E. Barnstam Have been pulling
 18th Went to Mr Long's
 Sun & coal Sunday
 19 Pleasant Day 12 bush Potatoes for seed
 20 Cloudy Went to market load came to 1.50
 Carried 16 bushels apples to Mr Long's
 to be made in to cider day 4 bushels
 21 Rainy Helped Sam clean barnyard went to Mr
 Pines got some tools & fixed our well
 22 " Went to Mr Long's picked a
 few apples Johnny
 23 " Johnny picked few apples
 24 Cleared off Went to market load came to 2.00
 Picked apples 10 bushels Cyprian
 25 Pleasant Sunday
 26 " Picked apples went to depot
 I carried load 16 bushels for
 Henry day 4 bushels potatoes
 27 " Went to market load came to 3.00
 Sold 10 bushels 49¢ worth C. apples
 day 7th 12 bushels potatoes
 Went to depot for Lirrie
 28 Showery Picked day 10 bushels potatoes
 29 Pleasant Picked 12 bushels Picked apples
 30 " " Set up bush of potatoes
 Oct 1 " " apples finished the peeling
 of the house sold 9 B Berkins
 26 bushels Cyprian apples at 17¢ per bush
 2 " " Sunday
 3 " " Picked apples & cherries
 Came to day Went to Mr Long's
 4 " " Picked cherries
 5 " " Picked cherries
 6 " " Picked cherries
 7 " " Picked cherries
 8 " " Picked cherries
 9 " " Picked cherries
 10 " " Picked cherries
 11 " " Picked cherries
 12 " " Picked cherries
 13 " " Picked cherries
 14 " " Picked cherries
 15 " " Picked cherries
 16 " " Picked cherries
 17 " " Picked cherries
 18 " " Picked cherries
 19 " " Picked cherries
 20 " " Picked cherries
 21 " " Picked cherries
 22 " " Picked cherries
 23 " " Picked cherries
 24 " " Picked cherries
 25 " " Picked cherries
 26 " " Picked cherries
 27 " " Picked cherries
 28 " " Picked cherries
 29 " " Picked cherries
 30 " " Picked cherries
 31 " " Picked cherries

Wheaton

Wab & C

Oct 20th - 4

Very but exceedingly cold Frost set in this
morning Went to the market

21 ... Had a hard freeze Went to market
last night Canned & bbls apples sold

22 ... Pleasant Hauled & loaded manure
to my coal feeders & packed
chestnuts & bushels
arranged from Mr. Reas
Sunday

23 Pleasant

24 " Went to mill Hauled 4
loads manure spread
Went to Mr. Longway & helped
cure stemmy apples

25 " Ploughing stock ground

26 Pleasant Start Went to market with
a square of snow potatoes earned 4 baskets
last night - as I did not cut bush
corn for 4 or 5 times
this evening

27 Very hard & cold Went to Mr. Reas
for my young cattle
Ploughed stock ground

28 " " " Ploughing stock ground
Mr. H. Jones came in the morn
thru Went to Mr. J. Dows
with him in the evening

29 " " " Ploughing stock ground
Went to Mr. S. Wheeler to carry
Mr. Jones there to engine moving
Put the belt in the engine house
for the first time

Weather

Work &c

- Oct 20. 54 Fair & Cold Sunday Mr. St. Jones
spent the night with us
31 Cloudy Got land ready for sales
Went to mill
Nov. 1 Pleasant Sept for Salem at 5th o'clock
arrived at about the
same hour in the evening
John Deane went with
me
" 2 " Returned from Salem
" 3 " Went to mill purchased
ploughing 1000 ground
ploughed gardens hauled
drains dug the Haystack
sent me 332 for the trout &
got land from Brown Bay
" 4 " Arrived my ploughing ground
Planted 3 loads mud
" 5 " Rrived up for about 11 o'clock
Got my open shade tent to
take to an Engine meeting
" 6 " Sunday
" 7 " Hauled 2 loads more
" 8 " more some stone
Went to Shaker Village
with Mr. H. Carrison -
" 9 " Put down step to my house
Current barrel of apples to depot
for horse brought 88 feet
boards of Ben Marshall 125
sent in 3 cellar windows
" 10 Cloudy with Sneaking but to meet
a little sun Went to Tanekes
and to Long's
Ran 100 in corn

Weather

Work & movements

11th 5th Clear & Cool

Went to Frenches
at with an bullock
Past French 100
Sold one Mutton 3rd all apples
for 600 I have not cut

12th There has been
a considerable
fall of snow

I have not cut
Point round the house

it is raining this evening Past up the cattle

13th Clear &
Pleasant

Drinking
Jabbing

14th "
15th "

" I went to mill
Went to town to exchange
of the high school

17th "

Drinking, I was not hunting
with the bull Corn was not cut

16th "
18th Snowy

Drinking, I was not hunting
Went to Drinstable with
foreman and others

Barny

Went to the town carriage
bought a pair of milk
Chopped down at the door
Drinking

20th Pleasant
21st Cloudy with
Rain

Went to the town carriage
got a bullock that went
to mill, there I had a
This year I have not
Spent as follows

May by estimate 14th - 100
Straw I can hold 2

Cato 30 bushels barley 25 bushels
Wheat 1 bushel 1/2 by 1 bushel 1/2
Rye 5 bushels Potatoes 44
Corn 70 bushels
Apples 890 worth
Chickens 8 332 worth

I have used to raise these
crops 96 loads in all
which has been done
as follows 817 loads of
9 in the hill I have called out
to my planting ground to work
that I have made this summer

- 22 Raining Snow Killed Red Bay Chaparral
fell during the night. Went West to a second
Exhibition of the State
23 Snow Rain I Hunted some off-
hand some evening and this morning
to make it stop. Helped take out the
pump in the open clear
out the hole put in a new one
24 Pleasant Fixed round the pump
Killed a pair of Starlings and
Billy Conant Hunted some
25 " Hunted some more Chaparral
at the door and shot plants
in Sam's garden
26 Buggy clear Killed a pair at the door and
off in the afternoon to J. B. Keck's must
Went to an Engine meeting
27 Pleasant Sunday
28 " Went to mill & to
Garetts Killed a pair of
Garetts the first one
29 " Killed my first House Wren
Got a pair from the place
30 " Hunting a pair from the place
Dec 1 Buggy clear day Hunting a pair
Went to Henry in the wood lot
the Red had my
in the wood lot

March

1839

March 2nd 16 3 9

- | | | |
|----|--------------------|------------------------------|
| 1 | Pleasant too | Left camp for the first time |
| 2 | Just in the ground | See behind my horse |
| 3 | Cold & clearing | Went to the river |
| 4 | | Went to the river |
| 5 | | Went to the river |
| 6 | | Went to the river |
| 7 | | Went to the river |
| 8 | Cold | Went to the river |
| 9 | Pleasant | Went to the river |
| 10 | | Went to the river |
| 11 | Pleasant | Went to the river |
| 12 | Cold snow | Went to the river |
| 13 | Pleasant | Went to the river |
| 14 | Cold & snow | Went to the river |
| 15 | Pleasant | Went to the river |
| 16 | | Went to the river |

Weather

Temp &c

- | | | |
|-------|---|---|
| Jan 4 | Cloudy with
a slight fall
of snow | Harriet went out
for Pickens - then
to a Regatta concert |
| 5 | Clear & cold | Harriet went for
wood for myself |
| 6 | Pleasant | Harriet went out
for wood & about of
some wood for myself |
| 7 | Cloudy
Brimmy this evening | Harriet went out for
Pickens & wood for myself |
| 8 | Very mild | Sunny |
| 9 | " " | Went up with a letter
to my mother
to Aunt Harriet. |
| 10 | Very mild
Cloudy with a little
rain | Still cold up with
the bill about the mill |
| 11 | do | " " |
| 12 | Pleasant | Went to town in the evening |
| 13 | Cool but Pleasant | Harriet went out for
Pickens & wood to H. B. |
| 14 | Cloudy snowing
fast this evening | Harriet went out
for myself & went
to town this evening |
| 15 | Very pleasant | Sunny |
| 16 | do | Harriet went out
for wood |
| 17 | Cloudy | Harriet went out
for myself |
| 18 | Pleasant | Harriet went out
for wood |
| 19 | Cloudy Clear
this evening | Harriet went out
to her mother's & back
for myself |

Weather

Work &c.

- 6th 60 Very Cold Success of kind of the door
7th 3 Cloudy & Cold I went out on bed and
East Wood Got some good
from the ship & belonging to
Brother John
8th 4 Snowing immensely Went to mill
with the sun in air. Charles and road
for myself
9th Cloudy Sunday
10th Rain John
11th Clear & mild cutting wood at the door
Went to Mr J Dons
for material
12th Pleasant Went to town
With Brother John
Got a tree from the
pasture cut it up
13th Cold & dark high Got a tree for the
pasture Went to carry
Mrs Denny home
14th Cold Got load of hay
Shaped board & the core
Went to farmers club
15th Clearing
16th Pleasant Got a load of wood and
cut it at the mill &
back Court as usual
17th Clearing Visiting Neffs and some
to examine the other
attended at Court
18th Clearing John did not equal the
one against the inner
19th Clearing Visiting and gathering
the time some Mrs
Denny

Went to

Work &c

Feb 16 150° Snowing

Went to Mr. Kead's
Mrs. Wright with
Mr. Jones

17 Cold Snow
blowing

Went to Mr. Schults
with Mr. Jones

18 Cold & Snow in the
morning Snowing fast
the sun is out &c

Back to the 2nd house
This morning went
to visit the 3rd house
Sunday

19 Clearing so hard
we can hardly see
20 Pleasant

breaking fast with
my son & 4 cows

21 Very warm

Went to Richard's yard
Load wood for one of
my agents and then
to see the tree for nothing
Harris did not let him to
Mr. Murel's for better wood
see the 1st of 2nd only.

22 Bury

23 Pleasant but the
erection of a
thunder shower

Went to the 3rd Woods
Sawed wood

24 Pleasant

Went to the 4th house
to French's house
saw hay from James' son
& sawed wood

25 Cold & Windy

Stacked wood from
from the 1st house
Went to the 5th house

26 Cool but pleasant

Sawed a chair for
the 1st and 5th & 10th

27 Very Warm

Stacking manure
Stacked 1st house
Stacking manure

28

29 Bury

Weather - Work & Incidents

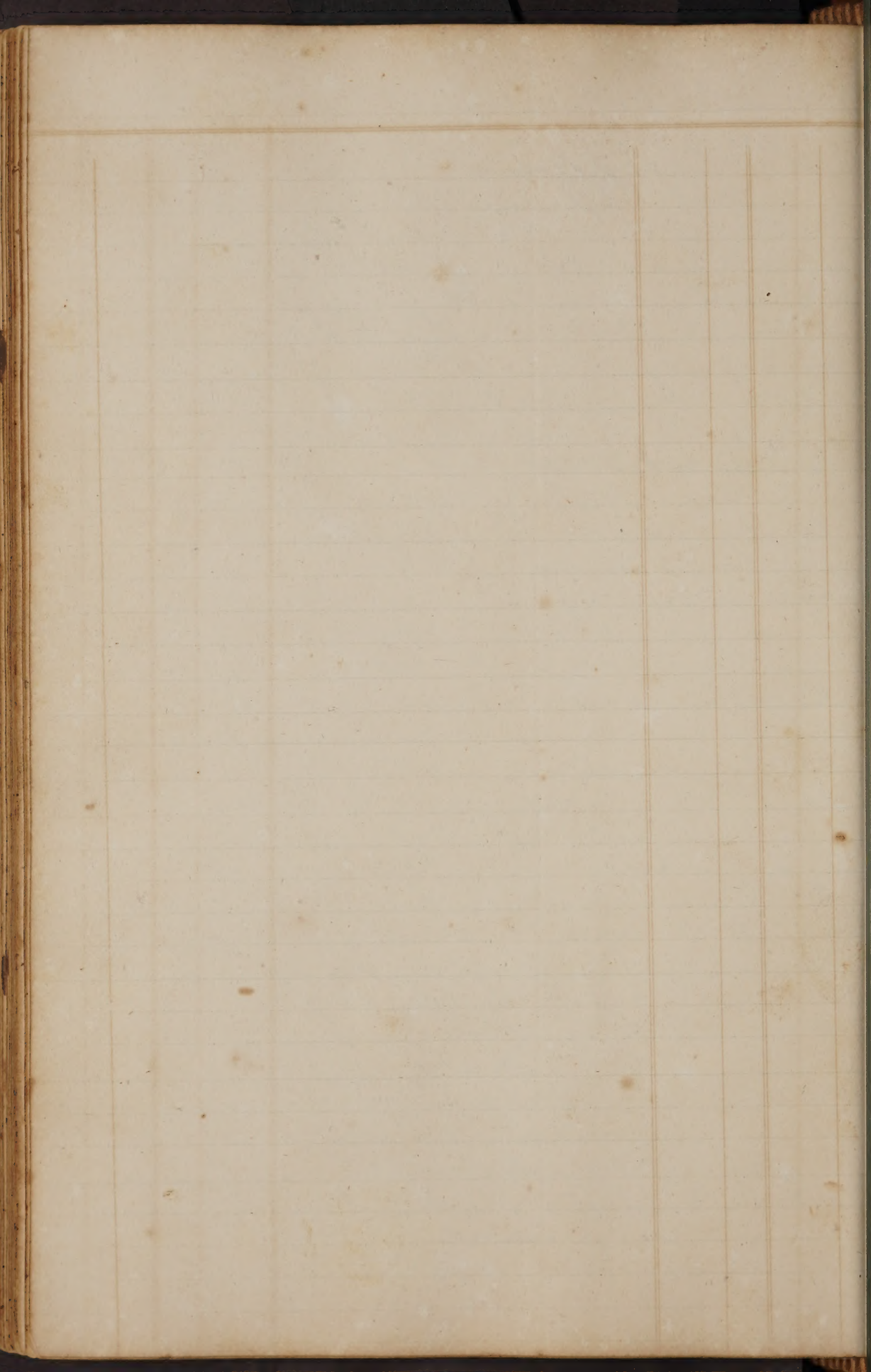
- March 1st Rainy
 " 2 Clear
 " 3 " " Went to St. Marks
 " 4 " " Heard Black Birds
 " 5 " " Sunday Brother are
 " 6 " " taking care of mother
 " 7 Stormy " Went to house
 " 8 " " Sold cow to Mr.
 " 9 Cool " Brother drove up
 " 10 " " Went to town
 " 11 " " Mr. Brewster came
 " 12 Rain & Snow " Went to Washing
 " 13 Cool " Town meeting the
 " 14 " " Democrat hold 95 majority
 " 15 " " Affairs electy further Brother
 " 16 " " Town clerk 18 Post select men
 " 17 " " Do not only 2nd
 " 18 " " Joseph Parker 3
 " 19 " " Went to town, cut tree
 " 20 " " in the pasture
 " 21 " " Very pleasant cut wood at the door
 " 22 " " Lined & tree in the pasture
 " 23 " " Cut wood at the door
 " 24 " " Dressed some off calves
 " 25 " " Henry over a from Mr.
 " 26 " " Spent day and eve home for last

Weather

What I succeeded

- March 17th Very pleasant - Grafting and up
the bushes I eat them up.
Henry left for Misses
I hope come in the week
18th same same - Sunday
19th same same - Went to Washburn getting
20th Rainy - Went to Washburn with 8
bushels sold them for 45^{cts}
little C & H to get 1st getting
21st Cold & Windy - Put my own coat
repaired - Hosiery
22nd same - Worked on my wayside
23rd same - Equally
24th same - Went to mill &
to ball Company house
Wagon Seat
24th same - Went to Mr. Whittemore
made found for grapevine
25th same - Same
26th same - Went to town 3 times
Laid up my cart.
Went to H. G. in P.M.
27th same - { Have been to Salem
28th same - { to attend the funeral
29th same - { of brother Elin who died
the 26th
30th same - Hauling manure
Went Daniel Farley's
31st same - Hauling & Spiculating
mineral water to Mr. Seligson
Went to an engine meeting
Brother John comes in the
evening

So ends this year



Stollis April 1st 1890

Sunday
Pleasant weather

Monday 2nd

Clear & Cold Snow Squall during the night
Doing nothing in the morning carried John
to the Depot at noon Harrowed in the afternoon

Tuesday 3rd

Cold & Cloudy Went to town Got an apple
tree & put it up & fixed up my wagon

Wednesday April 4th

Misty & falling this morning Searched
hushel wheat & then to town at 1 P.M.

Thursday April 5th

Had a shower in the night pleasant to day
Sawed & shucked up the straw & reeled
the pine in the forenoon

Friday April 6th

Pleasant at m. Rainy p.m.

Sawed old O-shad-bush & took John to town

Saturday April 7th

Pleasant finished the pine in the
afternoon Got the pine by the creek ready
to go Went to Brents & to the plow
Saw Proctor ten hushels oats

Plunked my Reas

Sunday April 8th

Barned all day

Monday April 9th

Cloudy till 12 Harvested part of wheat
Hauled manure & put in at school

Tuesday April 10th

Clear & Cloudy Hauling manure

Wednesday April 11th

Rainy at m. Cold & Cloudy throughout
Went to mill cleared & hup & mowed plough
Hauled manure

Thursday April 12th 1862nd

Cold & Windy Fast day and

Friday April 13th

Cold & cloudy with high wind
worked with my eyes for arms & hands

Saturday April 14th

Weather same as yesterday but
some small pieces of snow
melted in the afternoon

Sunday April 15th

Very cold the morning more
pleasant this evening

Monday April 16th

Pleasant the morning rainy the P.M.
Spread the manure in the field in the
pasture and ploughed it in

Tuesday April 17th

Pleasant Shaded manure to the

Worked for it & put it in the afternoon

Wednesday April 18th

Pleasant & humid I spread manure

Went to Mr Emersons with Henry

who came in the early & left in the late train

Thursday April 19th

Pleasant Went to the field ploughed
the field by the pasture & scattered
the manure & commenced to break up a piece

Friday April 20th

Warm & pleasant finished breaking
up road & worked manure & sold Boston
Bunnies calf

Saturday April 21st

Cloudy with cold & wind

finished manure the piece put on

2 loads and however it rained

attended the funeral of George
Emerson & heard the sermon by Mr.

Sunday April 22^d 1860

Beautiful weather

Monday April 23

Pleasant work up here in the
old Orchard house

Tuesday April 24

Went to the new I should
measure

Wednesday April 25

Cold. Drove out last night

Should measure and found
it in

Thursday April 26

cold. Planted this garden

Should measure on the fence
the lot by the house planted

and have it planted within

Have bought 66 pounds of manure
this morning. Put 25 pounds in manure

26 and the piece in the pasture 26 and
the piece by the house 12 by 15 and let
the rest over the garden

Friday April 27

Pleasant breaking up for Sam

Saturday April 28

Pleasant. Should have sent into
the hay pen planted this and potatoes
I did other jobs. Went to the annual
meeting of the Engine company.

Chose the following officers

C. H. Farley chief D. Greenwood road

Charles Richardson 3rd Engineer

Sunday April 29

Pleasant

Monday April 30

Pleasant. Should have sent in the manure

Went to mill. Should have sent in a load of
manure to D. Greenwood

Monday April 30 1860 continues

Mr Proctor took 3 calves Clough
Dropped her calf

Thursday May 1st
Cloudy with strong W.E. wind
Planted 2 1/2 bushels Potatoes
finer than the piece by the pasture
with corn

Friday May 2nd
Four Wind W.E. Ashed corn Harrowed
furrowed & planted part of the piece in the pasture

Thursday May 3rd
Four Wind W.E. finer than the piece I ashed
Harrowed & furrowed one way the piece in the
pasture. More concluded to raise Clough
calf let him drink to day

Friday May 4th
Six Wind W.E. Plowing corn
Went to town in the evening
Saturday May 5th

Weather Same as yesterday finer than
plowing corn now planted rather
more than 2 bushels of corn & potatoes
have not mowed in the hill but
have put a spoonfull of ashes on each hill
Hauled 3 loads down. Went to town

Sunday May 6th
Weather the same as yesterday
Mr Bent turned the hull in to my
pasture left the calves out ports first time
Saw Sads for the first time

Monday May 7th
Cloudy with W.E. Wind for about Harrow
The Clough and her brother got frightened
out by the neighbors I for one saw
nothing as for the first time this
season

Tuesday May 3rd 1860

Cloudy Wind V.E. it rained for a
minute this morning. Worked for
Chas. Homick

Wednesday May 4th

Cloudy Wind N.E. Hauled mud
into the barn yard

Thursday May 10th

Cloudy Wind W.E. Hauled mud
Henry came over to sell his farm
but did not sell it except him to help sell
the head mare & calves belonging to it
to pasture in the morning on the morning

Friday May 11th

Pleasant / Hauling mud & loam
Gave calf & horse milk

Saturday May 12

Pleasant Went to Western Hauled
2 loads manure & highest & cultivated
it in planted paper corn

Sunday May 13

Very hot

Monday May 14

Cloudy chilly & wind changed
Chas. hauled 2 loads loam planted
beans

Tuesday May 15

Pleasant Wind E. mended roof
of the house went to town hauled
2 loads loam went to Frenches
the apple trees are in bloom

Wednesday May 16

Cloudy Wind E & chilly
Went to town to Bakery & to help
Bill Conant drive his cattle to the
plains Hauled 3 loads loam

Thursday May 17 1860

Pleasant laying wall burned out my
4411

Friday May 18

Cloudy laying wall hauled some stone

~~Friday~~ Saturday May 19th

It fine rain this morning the rest of day
account for six weeks the ground was very
dry drier than I ever saw it at this season
Joking & laying wall after it cleared up this P.M.

Sunday May 20 L. Cloudy

very cold & wholly white sunny

Monday May 21

Pleasant joking at Mr. Barry this P.M.
Slept first last night

Tuesday May 22nd

Rainy joking went to town & to mill

Wednesday May 23

Went to Marshes Planted beens

Thursday May 24

Pleasant Went to town with Harry
who come in the late train last night.
Helped Sam plant his potatoes
again set stone posts by the Spring
Fixed the gate Stood my cranes in
the town again with Harry

Friday May 25

Pleasant Put my ox in shed
Fixed my Gourd and set some other jobs
Harry left for home this morning

Saturday May 26

Cloudy Wind E. Cut over some wall
by the Spring brook went to Engine P.M.

Sunday May 27

Weather same as yesterday Sunday

Monday May 28 1860

Cloudy in the morning but cleared off. Worked on the highway. Sent Roger to his head. Henry came in the only I left in the late train.

Tuesday May 29

Pleasant worked the remainder of the day went to mill I spent my pen

Wednesday May 30

Pleasant this forenoon slight shower here with some thunder heavy inclement in evening

Thursday May 31

Rainy Went to Frederick & the school house. This month has been very dry though the prevailing wind has been East

Friday June 1, 1860

Cloudy in the morning fog had at noon a shower came up about 4 P.M. & has since. Henry came home the Garden. Dr. & his family arrived from Washington in the late train.

Saturday June 2

Rainy in the forenoon. Cleared off in the afternoon. Went to J.B.

Remini's & bought my rent to town & to Mark & to town again in the evening.

Sunday June 3 Pleasant

Monday June 4

Pleasant finished Henry the fence in the pasture & commenced on the Orchard Johnburgh & gave me a run for home & the other

Tuesday June 5th 1860

Barny: Hair a little. Went to town house &
paid stores

Wednesday June 6th

Barny: Went to town finished barny the
fire on the Orchard

Thursday June 7

Pleasant Stormy Can

Friday June 8

Pleasant moved Dr to Henry's house

Saturday June 9

Pleasant 5th chimney in the afternoon
finished barny he & to town home

Sunday June 10 ^{Beaver}

Cloudy Very Cold

Monday June 11

Cool but pleasant helping brother John

Tuesday June 12

Very pleasant helped Sam finish barny
helped raise his night barn

Wednesday June 13

Pleasant Breathing up for eye

Thursday June 14

Pleasant but not as warm as yesterday

Friday June 15

Hot with slight showers with considerable
thunder in the afternoon went to
Clark's & worked on the train

Saturday June 16

Just the same as yesterday
Breathing up in the fire room
at Clark's in the barn in the afternoon

Sunday June 17

Very hot in the forenoon but a
heavy shower in the afternoon

Monday June 18

Cloudy at Clark's. Worked on Lewis barn

Thursday June 19 1914

Weights Per Bushel.

Following is the minimum or legal weight in pounds per bushel for the various commodities by United States standard:

Apples (dried) 26; Barley 48; beans (castor) 46; Beans (white) 60; Blue grass seed 44; Bran 20; Buckwheat 48; Clover seed 60; coal 80; corn (shelled) 58; corn (ear) 70; corn meal 48; flaxseed 56; hair (plastering) 8; hemp seed 44; hungarian 50; lime (unslaked) 30; malt 38; millet seed 50; oats 32; onions 57; peaches (dried) 23; peas 60; peas (ground) 24; Irish potatoes 60; sweet potatoes 55; rye 56; salt (fine) 167; salt (coarse) 151; timothy 45; turnips 55; wheat 60.

Ages of Horses.

A good authority on horses says at the gray will live the longest and that the roans come next in order. Bays seldom live to be over 20, and bays rarely live more than 10 or years.

Food Price Increase.

A report by the bureau of labor of the department of agriculture sent to Congress January 29, contains the following interesting statement:

"The report of retail prices is based on 6087 price schedules or statements secured from 1014 dealers in 68 different cities, in 39 different states, on 30 staple articles.

"The price of every article except coffee was higher in 1907 than in 1896, the year of lowest prices during the period, and in the case of 16 of the 30 articles it was more than 25 percent above the level of 1896. There was an increase of 62.7 percent in bacon; potatoes 50.6 percent; eggs, 48.4 percent; salt pork, 47.9 percent; fresh pork, 46.3 percent, and lard, 45.1 percent. The price of only three articles was lower in 1907 than the average for the 10-year period from 1890. Prunes were 11.6 percent lower; coffee, 5 percent lower, and sugar 4 percent lower."

Weighed accurately, according to the purchasing power of the pay envelope, the report shows that for a dollar bill the workman got approximately:

Six and a half pounds of beef in 1907, instead of more than 7½ pounds in 1890.

Six and three-quarters pounds of fresh pork, instead of almost 10 pounds.

Five and a half pounds of dressed chickens, instead of 7½ pounds.

Three and three-quarter dozen eggs, instead of 5½ dozen.

Three and a quarter pounds of butter instead of 4½ pounds.

Thirty-two pounds of flour instead of 34 pounds.

Thirty-five and a quarter pounds of corn meal instead of 46½ pounds.

PLOW DEEPLY.

Plow deeply in the fall and apply a liberal dressing of well rotted manure on the garden plot. Then plow and thoroughly pulverize the soil early in the spring, remembering that "ground well prepared is half cultivated." Buy seed from a reliable seedsman and the possibility of disappointment in results will be remote. — Farmers' Home Journal.

SOWS AND GILTS.

The difference between aged sows and gilts seems to be that a sow two years old or more is fully matured and easily kept in good flesh, usually farrowing much larger pigs than a gilt. She is a much better suckler and gives so much more milk that the pigs get a better start earlier in life and thus grow very rapidly, making gains younger in life.—Farmers' Guide.

SELLING HOGS.

It has been demonstrated that selling hogs at eight and ten months old and cattle at one and two years is the most profitable way to dispose of them. At these ages they yield more net profit for the feed and labor bestowed on them than if kept to older age. But if this practice is kept up generally the question of the future will be, where will we get breeding stock from which to supply the ever increasing demand of both cattle and hogs?—Farmers' Home Journal.

BALANCED RATION WITH SILAGE

Wallace's Farmer says that the profit in feeding corn silage depends much upon the other feed with it, and says: "The best balance we know of for silage is clover or alfalfa hay. In fact, we do not know any kind of balanced ration that can be provided so cheaply for dairy farmers, and to a certain extent feeders of other cattle in the corn belt, as from thirty-five to forty pounds of silage and about eighteen to twenty pounds of clover or alfalfa hay. This in itself should provide for the cow a fairly well balanced ration. It is all grown on the farm, and hence is cheaper than anything that can be purchased."

VEGETABLES ON AN ACRE OF GROUND.

The Kansas City Star says a good farmer can raise on one acre of land any one of the following:

One acre of onions, 445 to 600 bushels.

One acre of tomatoes, 300 to 400 bushels.

One acre of sweet potatoes, 500 to 600 bushels.

One acre of beets, 300 to 400 bushels.

One acre of carrots, 300 to 400 bushels.

One acre of cabbage, 8000 heads.

One acre of potatoes, 100 to 300 bushels.

Here are actual results, each item referring to the product of an acre where the grower was a specialist:

Onions, 600 bushels, seventy-five cents, \$450.

Cabbage seed, 1000 pounds, forty cents a pound, \$400.

Potatoes, 175 bushels, low estimate, \$175.

Cabbage, 7000 heads, \$500.

To be a successful trucker you must keep in mind these things:

Produce sufficient to supply the family to begin.

Continuous succession of crops.

Ease and cheapness of cultivation.

Maintain and increase the land's productivity year after year.

Loss of Manure Fertility.

The first step to prevent the loss of the fertilizing elements in manure is to provide plenty of bedding in the stable to absorb and save all the liquid parts. The losses due to fermentation can be greatly checked by mixing horse manure with cow manure, making the piles compact so as to keep out the air, and by thoroughly wetting the manure, which will help to keep out the air and also reduce the temperature. The use of chemical or mechanical absorbents, such as plaster (gypsum), kainit, finely ground phosphate rock, etc., in the stable or sprinkled over the manure, assists in preserving the manure, absorbing the liquids and preventing loss of gases. Loss from washing or leaching may be prevented by piling manure under cover or in basin-like depressions, where there is a clay foundation—or by hauling out directly to the field and spreading it as soon as produced.

It is argued by some farmers that hauling manure out on the field every month in the year is a mistake; that if spread out in midsummer the sun will scorch it to a tinder and burn out all the good. The Maryland Experiment Station some years ago determined to test this theory, with the result that its experiments have exploded two very common beliefs, the summer-burning theory being one of them. The other common belief which has been proved wrong is that it is better to plow manure under in the fall than to leave it exposed on the land's surface during the winter and then plow it under in the spring. In the first instance manure spread in July and allowed to stand until the following spring just before plowing, than that spread in October, and still better results than that spread in the following spring just before plowing. In the second experiment better yields were secured after allowing the manure to lie on top of the land all winter and plowing it under in the spring than were obtained from plowing it under in the fall.

Fertilizer for Meadows.

Experiment station tests have shown that nitrate of soda is the one fertilizer most needed by meadows in the spring. As early in the spring, the second year after wheat, if clover has been grown, as new fresh growth shows, make a mixture of equal weight of nitrate of soda and fine dry earth, and apply broadcast at the rate of 300 pounds per acre. It would be quite useless to use any other form of fertilizer for everything depends upon immediate availability of the plant food. By this treatment not only will wild grasses be kept back, but also sporadic patches of clover. The young timothy will develop very thick growth, due to very extensive stooling. The cost of fertilizer and its application will be about \$4 per acre if no fall application was made, and \$6.75 if it was necessary to fall fertilize.

Straw in Manure.

Owing to its abundance, straw is added to barnyard manure, but it can be made more serviceable if made fine with the feed cutter before being used. While straw may soon rot after being mixed with manure, yet in a fine condition it is a much better absorbent and can be forked into the manure with advantage. When loading and spreading manure there is a saving of labor when handling that which is fine, and the manure will be more valuable because the loss of ammonia will be arrested by the use of suitable absorbent materials.

Sunday July 1/86

Pleasant

Monday July 2

Pleasant Went to Harlow

Company

Went to town to a drill of the engine

Tuesday July 3

Pleasant till evening when it rained

Went to hit post & mowed 2 acres of
clover with the machine. Crooked
up the hay went to town in the evening

Wednesday July 4

Did escort duty as foreman for the
party at long Pond. Wrote one new uniform

Thursday July 5

Very rainy got behind school

Friday July 6

Pleasant. Rainy

Saturday July 7

Pleasant. Haying went to town

Sunday July 8

Rainy

Monday July 9

Rainy in the morning cleared off
Went to town with Sam's Kasper
Hired a sarn of Reese

Tuesday July 10

Cloudy. Worked Haying

Wednesday July 11

Cloudy but cleared off. Worked Haying

Thursday July 12

Pleasant. Rainy

Friday July 13

Cloudy with the appearance of showers
did not mow any but got in 3 loads

Saturday July 14

Pleasant. Haying. Went to town
Have got in 3 loads for my self. 17 for S.

THE BREED AND THE LAND.

An English dairyman has this to say on selecting cows for dairy purposes:

"In selecting cows the nature of the land where they are to be grazed should be kept in view. In sheltered situations and where the soil is dry Channel Island cows usually pay well, provided that there is a good demand for butter or cream in the neighborhood of the farm. For poor pastures cows of the Kerry breed are more likely to be remunerative than any other. The Kerry has been well termed 'the poor man's cow.' Ayrshire cows of the best type are abundant producers of milk, and this, too, on pasture land not rich enough to carry Shorthorns successfully."

FEEDING NEW CORN TO HOGS

We are now nearing the period when feeders begin to feed their hogs new corn, but the situation this year is slightly different from what it commonly is. Usually the elevators and cribs contain more old corn at this time of year than is now the case.

Farmers having practically no old corn to mix with the new must this year start their hogs on new corn alone, and all old-time feeders know that it takes more time and grain to make fat hogs from new corn than from a mixture of new and old.

If hogs are crowded with new corn too fast at the beginning, trouble similar to cholera shows up. With hogs as high as they are now farmers should use caution not to endanger their crop of pigs by overfeeding with new corn.—Indiana Farmer.

GETTING RID OF WEEDS.

The following weeds may be eradicated or largely subdued in cereal grain fields through the use of chemical sprays: False flax, worm seed mustard, tumbling mustard, common wild mustard, shepherd's purse, pepper grass, ball mustard, corn cockle, chickenwood, dandelion, Canada thistle, bindweed, plantain, rough pigweed, kinghead, Red River weed, ragweed, cocklebur. To do the best work apply fifty-two gallons to the acre. To make the spraying solution empty a 100-pound sack of the sulphate of iron into a kerosene, whisky or vinegar barrel; fill to the chime with water, and stir with a hoe for a few minutes until dissolved. Strain through several thicknesses of cheesecloth tacked over manhole of the spraying machine.—Inland Farmer.

GRIND THE CORN FOR PIGS.

Fattening hogs will usually finish faster on corn meal than on shelled corn, and many farmers favor corn meal for that reason. Experiments covering the quantity fed plainly show, however, that hogs given corn meal eat more feed in a given time than those on shelled corn. When both the feed eaten and the gains made are taken into consideration, the profit in favor of corn meal is considerably less than many suppose. Corn-and-cob meal has been shown to have about the same value as pure corn meal; if any advantage is had from corn-and-cob meal, as is claimed by some stockmen, it no doubt largely comes from the bulk furnished by the particles of cob, which by rendering the contents of the stomach less compact or more porous helps to their easier and more complete digestion.—Coburn's "Swine in America."

CAREFUL OF YOUNG HORSES.

Many times great mistakes are made when we begin handling young horses. Farm and Home, of London, touching this subject, says very truly that a young horse's temper may easily be spoiled during the time of first handling them, especially when brought into the stable, if roughly treated, and adds:

"Fillies, it may be mentioned, are generally particularly nervous or timid, and therefore require more considerate treatment than geldings, which usually have a more equable temperament and take things more calmly. A point to which special attention may be called is that care should be exercised in leading young horses through the doorway of the stable. They very frequently evince some aversion to passing through it at first, and if they are punished for hanging back, being forced to go on with the whip, or otherwise roughly treated in these circumstances, they sometimes take a permanent dislike to entering doorways, first hanging back and then suddenly rushing through them, which is most disconcerting, and may cause them to injure their hips. This trick is a great nuisance, and once acquired it is difficult to eradicate. Further, when a young horse which hangs back at a doorway is hustled through it in a rough manner it is apt to throw up its head and bang it against the top. This mishap may easily cause it to become shy of entering a doorway in future, quite apart from the fact that a blow on the head brought about in this fashion may give rise to the injury known as poll-evil. Whenever young horses show any reluctance to pass through the doorway they should be coaxed to go on by cajoling and gentling them. One should refrain from adopting any forceful or rough treatment, and with a little patience they can easily be induced to overcome their trepidation and to go through quite willingly."

CORN-AND-COB MEAL.

Several of the State experiment stations find that corn and cob meal fed to steers has an equal feeding value of corn meal, counting the pounds included in the ground cobs, and that by grinding the corn and cob meal together from twelve to fourteen pounds more food can be obtained from a bushel of corn than is obtained from a bushel of corn when the corn is shelled and used whole or shelled and ground. A food cooker can be used to great advantage in connection with feeding corn and cob meal to hogs. If it is made into the form of slop and then brought to the boiling point, after adding about one pound of oil meal or tankage to every twelve pounds of the grain mixture, a very palatable food will result. Such a mixture can be used once a day to very great advantage, and, indeed, many successful men feed such a ration night and morning with a little dry corn at noon and get good gains as a result.

With corn at a high price this matter of corn and cob meal is well worth considering as a saving of corn and many farmers are turning their attention to it.—Indiana Farmer.

VEGETABLES.

In planning the vegetable garden, consider well three things: 1. Sufficient supply for the family. 2. A continuous succession of crops. 3. Cheapness of cultivation.

A garden of 100 by 150 feet may be so handled as to supply a family of five or six persons. Half an acre will supply such a family with \$100 worth to sell, besides enough for their own use. Perhaps more important than money value, however, is the advantage of having vegetables close at hand, so that they need not be gathered until shortly before time to use them. This greatly improves their flavor.

The secret of a successful garden is keeping the ground occupied with crop. As soon as one crop is harvested, start another. Put a quick-growing crop in the same bed with one that is slower. The former will be used up by the time the latter is large enough to fill the bed.

The garden should be as near the house as is convenient, and the nearer it is the more care it is likely to receive, as the work in the garden is usually done in spare time. Ground having a gentle slope toward the south or southeast is most desirable. It is an advantage if it is protected on the north either by a hill or a hedge, trees, a building or a tight board fence to break the wind.—Indianapolis News.

GERMINATION OF SEEDS.

Darkness, and definite amounts of heat, moisture and oxygen are required to accomplish the germination of seeds. The seeds are stored with enough energy to enable them to develop a certain length of shoot and root, so it is not necessary to have the soil in which to sow them rich, provided it is intended to transplant the seedlings. It is important to have good drainage, and at the same time should not dry up too quickly.

The amount of oxygen supplied to seeds regulates itself, if they are planted in soil that will readily admit air. Heat and moisture should be carefully regulated. A mixture containing equal parts of loam, leaf-soil or peat, with a good sprinkling of sand, will give best results, except for seeds of aquatic plants, orchids, etc., which require special and expert treatment.

In preparing soil in which to plant seeds it should be passed through a coarse screen to remove lumps. If the seeds are to be sown in pots, the latter should be cleaned and a few pieces of broken pots or pebbles placed in the bottom of the pot for drainage. Fill the pots with the soil, raking the surface firm and level. If the seeds are very small, sift fine soil on top and immerse the pots in water, allowing them to soak well before sowing the seed. The latter should be scattered over the surface if they are small, not covered. Place over them a pane of glass.—Indianapolis News.

Monday July 31st 1860

Pleasant - not a very good day day
Haying the month been until
now wet - got in 8 loads of
Hay for myself & 7 for Sam

Tuesday July August 1

Pleasant Haying

Wednesday August 2

Pleasant Haying

Thursday August 3

Pleasant Haying

Friday August 4

Pleasant Haying Went to Haying

Saturday August 5

Rainy Got in last of hay
in the morning Went to town

Sunday August 6

Pleasant

Monday August 7

Finished Haying 11 loads Hay & 8

loads hay for Sam & 6 for myself

commenced Horses & oats

Tuesday August 8

Very Hot Horses & oats

Wednesday August 9

Very Hot Thermometer 100° in the shade

Horses & oats

Thursday August 10

Had a slight shower last night & rain
today Johny

Friday August 11

Finished putting the oats in the
stack I have not any wheat

Saturday August 12

Cloudy with occasional showers

Finished my wheat

Sunday Aug 13 Pleasant

TO FATTEN HOGS.

In Nebraska many farmers fatten their hogs entirely on alfalfa, although corn is the staple crop of that state. Fed with corn, alfalfa produces larger gains than any other feed. Alfalfa and corn should be fed in equal portions, and this ration alone. Alfalfa is an excellent maintenance ration and will do all the work. Fed in combination it is unexcelled.—*Rural*.

BOY BEANS.

Five years we have raised beans for our hogs, and secured each success. With hogs at \$8 per head we make us over \$30.00 on 100 pounds of pork.

Beans are to be pastured when they are ready for use about the condition of garden peas for the table. We sow and haul the beans to the hogs for ten days or two weeks, gradually increasing the amount. When they have been brought up to full feed the hogs may be safely turned to the field and given about a half ration of corn.

If the beans are all hauled out, a few hogs should be turned into the field after the beans are all hauled out, for a great many beans will be left on the ground.—A Subscriber, in Indiana Farmer.

DAIRY COW FOODS.

Success in milk and butter dairying depends largely on the feed to the cow in properly balanced rations. Cows must have both protein and carbonaceous foods to do well, and these can readily be selected in due proportion.

The protein foods are alfalfa, clover, cow pea hay, bran, oilmeal, cottonseed meal, oats, barley, gluten meal and soy beans.

The carbonaceous foods are corn and corn meal, corn silage, timothy hay, corn fodder, carrots, sugar beets and other beets. A good balanced ration may be made of alfalfa or clover hay, silage, corn, or corn meal. These can be fed in balanced quantity, and the dairyman will very soon see the quantity required after feeding a short time. Thirty-five to forty pounds of corn silage per day, according to the size of the cow, are enough.—Indiana Farmer.

SHEEP WITH OTHER STOCK.

It has been very truthfully said that the sheep in its timid and defenseless nature becomes the prey of all animals. This is virtually true. The wolf and the dog are the pronounced enemies of the sheep, and the flock demands protection from these natural enemies at all times. While the sheep is frequently pastured in the same enclosure with the horse, the cow and the hog, it is always at considerable risk of injury to the sheep. The horse often kicks and tramples on them; the cow goes them with her horns and the hog, when once having had a taste of mutton, from the dead carcass being left for it to devour, will not hesitate to attack lambs and often the older members of the flock. Thus it becomes a matter of attention and judgment on the part of the flock owner to what extent the sheep are to be pastured or enclosed with other animals on the farm.—Farmers' Home Journal.

HOGS FOR SMALL FARMERS.

There is one advantage about pigs that makes them emphatically the stock for the poor man or the small farmer, and that is the very quick returns which they afford by the rapidity with which they increase and come to maturity. A good breed sow given good treatment, so as to be kept in a good thrifty condition, will farrow two good litters of pigs a year that will run from seven to eight pigs in each litter, and if properly feed and care are given these may be ready for market by the time they are eight or nine months old at the farthest. No other stock kept on the farm will make so good a return in so short a time. Sheep will come nearest to it, but in the same length of time a pig will make double the weight of a lamb. Another advantage with pigs is that they are marketable from the time they are farrowed until they are fattened for market. A sow with a litter of pigs, and growing pigs three, four or five months old, will sell at full market prices; so that the farmer is not obliged to feed them to maturity to get a little money out of them. With a little management pigs may be fattened to sell in the spring and autumn, when it is possible to secure the best gain at the lowest cost; and when it is considered that they utilize much on the farm that would otherwise go to waste, it is only in exceptional cases that at least a few cannot be kept on the farm with profit.—From the Weekly Witness.

GIVE SHEEP GOOD CARE.

We have said before, but it will bear repetition with emphasis, that no other stock will respond more quickly to good care than sheep. On the other hand, no other animals will deteriorate more rapidly when neglected. The natural disposition of man is to give the most care and attention to that which will make him the most money, and now that sheep are selling high the chances are that they will receive more care than when they were raised just to eat the weeds. Many are new to the business, however, and they should not feel offended to get some friendly suggestions. This is a critical time of the year. It is the period when ewes are mated, and the condition of both the ewe and the ram should be the best. It is poor economy to get a cheap ram. Get the best you can, for the results will pay you many times. See that he is well fed and in good condition at the time of serving, and above all do not use one ram where two or more should be employed. Give your sheep good, sound, wholesome food. Avoid musty hay or rotten grain. Much of the disease that sheep are heir to comes from improper feeding and lack of care in the winter. Don't crowd too many under one shelter. Give them plenty of room and be sure and see that they get plenty of exercise. Cold weather never hurts sheep, but wet weather is conducive to trouble. If you are a beginner, don't handle too many; start with a few and learn by experience. There is no other teacher half so good.—Rural World.

The charge that bees are destructive to the fruit on the tree is borne out by the facts. Their stings are formed exclusively for the production of sweet juices, and their stings are unable to pierce the skin of fruit. Grapes have been taken from the interior of a hive in which they had been kept for many days. A grape which was with honey was not injured. The tongues in pinholes of a grape, but they do not enlarge the holes.

Cropping Sod.

Sod land is very fertile crops if the seed is good and other conditions are favorable. One of the ways in sod land is to plant young corn. By plowing corn in late fall or early spring the cutworms will also, when the land is time the sod will be settle and decay, and the season will stand better. If the sod must be plowed in spring, no harm, but be done. Plowing and a crop or disking well is labor well spent.

Length of Animals.

Various attempts have been made to discover the law of length of life of different animals. A general rule, with many exceptions, is that large animals live longer than small ones. But a elephant may live 200 years, not more than 40, a horse, and a cat or a dog may equal a horse in length of years. One authority holds that the length of life of a species is something as characteristic of that species as any of its other natural or physiological properties. The length of life is predicted by the advent of the new world, subsequently regulated by that of that particular species and environment.

Rats and Rats.

Among the natural enemies of the larger hawks and foxes, coyotes, weasels, cats and ferrets. The pest factor in the United States has been the killing off of the rats that prey on the rats that on the whole are beneficial, since the rats destroy insects and rodents. Men because they are a chicken or a pig.

The value of the rats and the large rats are being preserved, especially in game preserves, more poultry, young chicks, wild mammals, our most voracious enemies, most to enlighten the cause of these rats, the man's enemy.

Rats are the man's enemy, and it is necessary to be on guard against them.

Sunday August 26th 1860

Pleasant Weather

Monday August 27th

Pleasant Clear 17th bushels Cobs.
Picked apples barked in the garden.

Tuesday August 28th

Had a heavy rain last night Pleasant
today Picked beans Got much wood

Wednesday Aug 29

Cool night but Pleasant during the day
Crops flourishing fine eye

Thursday August 30

Weather same as yesterday
finished ploughing sowed my eye
There is a confusion here went fishing
last night It is a beautiful morning
evening

Friday August 31

Pleasant Wind Had a shower P.M.
Picking wood

This month the weather has
been variable Cloudy & hot

Saturday September 1, 1860
Weather as yesterday.

Set fence round eye field
Went to town in the evening

Sunday Sept 2nd

Cool but pleasant ~~Sunday~~

Monday Sept 3rd

Cool but pleasant Went to town cut few
sticks Gobbins Henry & family left
for home in the noon train

Tuesday Sept 4

Pleasant Went to St. Albans
to market to the market cut & sold some
ribs & did some other jobs
Sold 11 bushels 19 bushels Cider apples

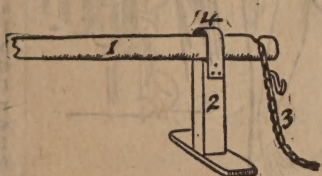
Wednesday September 5th 1860

SAVE THE IMPLEMENTS.

There is no doubt that more farm implements are lost by neglect than are worn out by use, declares an observing writer. Many of them will not be required until spring, and those should be carefully housed meantime. If any of the iron or steel parts are rusted, rub off the rust, using fine sand, applied with a corn-cob. When these parts are thoroughly cleaned, go over them with a mixture of lard or rosin—an ounce of rosin to a pound of lard, melted together and thoroughly stirred while cooling. This is an excellent preventive of rust, and should be applied to all tools around the farm. Good advice, that, even while winter is waning; but suppose that we add that a little paint preserves the wood work of tools, implements, etc. That, well applied, will check decay and dilapidation.—Weekly Witness.

POST PULLER.

I use a fence post puller of the following description, which is better than pulling with horses, as it does not break the posts. Fig. 1, hard wood pole 10 feet long; fig. 2, a rest for the pole, 4x4, 12 inches long, with a 2x4 nailed to the bottom, which is about 10 inches long; fig. 3



is a chain 2 feet long, with a grab hook attached 2 inches from the pole; fig. 4 is a stout wire nailed to the rest, which serves to hold the rest in place.

In pulling posts the chain is hooked loosely around the post, which permits it to slide down the post, when the pole is raised, allowing to get another hold when the post is raised a little.—Frank Lacina, Canby, Minn.

MATED, NOT MATCHED, HORSES.

In his instructive work, "The Bridle Bits," Col. Battersby (who is a veteran cavalry officer and expert horseman) observes that horses put together as a team because they are of the same height and color or look alike, and have been driven with different and various bits, yet don't go well together, are numerous and ought to be divorced. This may be because, although they are mates, they are not matches, and while one is worth \$500, the mate is not worth \$50. If horses are not well matched, in every respect, especially in the mousing, they must be driven with different bits and the length of the inner or outer rein regulated according to the disposition of one or the other of the team to pull with or against each other, and thus fall into "lagging."

FEEDING VALUE OF SOY BEANS

The Wisconsin Agricultural Experiment Station compared soy-bean meal and wheat middlings for pork production in three separate experiments in as many years. Two-thirds of the grain ration was corn meal in each case. In each of the experiments the largest gains were made on the soy-bean rations. Soy beans proved about ten per cent. superior to wheat middlings for pork production, figuring the cost of the feeds as the same.

The Indiana Agricultural Experiment Station compared rations of two parts of corn meal and one part of soy bean with corn meal and wheat middlings in equal proportions and with five parts of corn meal and one part of tankage for pork production. The soy-bean ration produced the largest daily gains, and this with the smallest quantity of feed consumed for each pound of gain.

The Kansas Agricultural Experiment Station has several times tested the value of soy bean in combination with corn meal and with kafir meal in comparison with the two latter feeds alone in feeding hogs. The feeds were mixed in the proportion of four-fifths corn or kafir and one-fifth soy beans. Larger gains, varying from thirteen to thirty-seven per cent., were made in every case on the mixed rations than on corn or kafir alone.

With corn meal alone 100 pounds of gain cost \$3.92, with corn meal and soy-bean meal \$3.73, and with kafir meal and soy-bean meal \$3.37. For these computations the value of corn meal was fixed at \$14 a ton, kafir meal at \$13 a ton, and soy beans at \$25 a ton, or seventy-five cents a bushel.

SOOT.

Soot, freely sprinkled among the rows of young onion plants, is one of the best preventatives of mildew and onion fly.—Indianapolis News.

BORDEAUX.

The Bordeaux mixture is the proper remedy to use for all fungous troubles; viz., mildew and rust of beans; potato and tomato rot and leaf-blight; melon and cucumber diseases; celery leaf-blight and rust, etc. The half-strength mixture (two pounds copper sulphate, two pounds quicklime, fifty gallons water) is strong enough to use in the vegetable garden, except for potatoes.—Indianapolis News.

VEGETABLES.

For most vegetables the soil should be of a sandy nature, with a good sub-soil for drainage. Such a soil will produce fine crops of lettuce, spinach, radishes, cucumbers, beets, asparagus, rhubarb.

Weedy fence corners are just the places for cultivating small fruits, as the raspberry and blackberry very cheaply and profitably. There is always a good market for such fruits, especially the cultivated berry, and if the farmer would select some corner on his farm which he may now consider next to worthless and which he has left to grow up in weeds, with a very little labor he could grow a berry patch that would in a few years give him a nice addition to his income.—Epitomist.

THE SILO AND ALFALFA.

Professor W. J. Fraser, of the Illinois Agricultural College, in referring to silage and alfalfa as great helps for the dairy farmer says:

The summer silo gives the best and most economical protection of all against drouth.

One of the very greatest crops for the dairyman, and one which is now being successfully grown on thousands of farms in Illinois, is alfalfa. Every dairyman should have a patch of alfalfa, and this will supply the finest of feed when the drouth ruins ordinary pastures. The alfalfa at the university yielded more than six tons of air dry hay per acre last year.

The great advantage of corn silo and alfalfa is that they produce the largest yield of nutriment per acre of any crops, but are the best condition for feeding at any date the pasture may fail, it is difficult to have a constant supply of other soiling crops in the stage of maturity at and during uncertain time of the drouth.

Never, under any conditions, allow the cows to go hungry and suffer for milk during the summer drouth, which for several reasons is the trying season for the dairy herd.

HOG FEEDING TEST.

One of the State experiment stations has made a careful test in feeding hogs certain foods, and gives results in the following summary:

1. That it required eighteen per cent. more barley by weight than to produce the same gain in pigs when both grains were in proportion of four parts of one of shorts by weight.
2. That it is profitable to feed barley to hogs if purchased at average price.
3. That the carcasses of hogs fed barley and shorts contained less flesh than the carcasses of hogs fed corn and shorts.
4. That pigs fed shorts will dress a higher percentage than pigs fed on barley.
5. That cross-bred Berkshires made more than other cross-breeds or in this trial.

Another test at the same station is given as follows:

1. We can compare the results of this trial with wheat is capable of gains when fed to hogs with shorts.
2. In comparison quires 8.9 per cent. more wheat than corn to produce the same gains.
3. The quality of the corn is even better than the corn.
4. The quality of the corn is even better than the corn.

Sunday September 16 1860

Pleasant

Monday Sept 17

Pleasant (most of the day) & rain
a little towards night. Draying Pot
has 22 bushels sent to town

~~To~~ Tuesday Sept 18

Pleasant. Went to Ashua Picking apples

Wednesday Sept 18

Pleasant. Turned out Picking apples sent to
mill. Picked apples sent to town

Thursday Sept 20

Rainy. Threshing out Helping Dr

Friday Sept 21

Rainy in the morning but cleared
Threshing Out & Helping Dr more

~~Saturday~~

Went to town

Saturday Sept 22

Pleasant went to Ashua & to town
twice. Mended some barrels

Sunday Sept 23

Pleasant

Monday Sept 24

Pleasant. Picking apples sent to town

Tuesday Sept 25

Pleasant in the forenoon showers
with considerable thunder in
the afternoon. Picking apples

Wednesday Sept 26

Pleasant. Picking apples. Went to town

Thursday Sept 27

Do. Picking apples sent to mill
to town

Friday Sept 28

Pleasant. Picking apples
Went to town. Mail the first load
brought of the season last night

Saturday September 8 1860

MONEY IN HOGS.

Any farmer who will equip his farm for swine raising and keep other stock in order to change his rotations and expand his variety of crops can become well-to-do in five or ten years by raising good hogs and fattening them for market, says an exchange. There is absolutely no question about this. Pork can be cheaply and quickly produced. It can be made on other crops than high-priced corn. Soy beans, clover and alfalfa will grow it. Corn is the most efficient fatten-er, but it is not necessary in pork pro-duction. Corn-belt farmers could well afford to sell their corn and make pork with other crops. By sowing clover, alfalfa, cow peas, soy beans and vetch in crop rotations the nitrogen and humus content of soils could be maintained and the element phosphorus could be applied in raw rock phosphate at compara-tively light expense. We mean to say that soil fertility could be main-tained and pork-making made profit-able on corn farms without the use of corn as a hog feed.—Farmers' Home Journal.

FERTILIZING TOO MUCH.

Many farmers believe that the con-stant application of the accumula-tions of the barnyard makes their land "too rich." It might be made too rich for a particula crop if high-ly manured, but if the manure is ap-plied where it should be in a rota-tion, there is no danger of over-fertilizing, and ever getting too rich. It might be made so for an oat crop because it would make too rank a growth of straw, but there is the grass to be cut and always needs just the kind of manure that is objectionable to the growth of oats. Put the manure on the be-long, and too much will not be used.

While the manure is being ap-plied to be appreciated by a great many who do not know its value. They do not know the fact that if it is put on the soil it means increased fertility and far exceeds the cost of the manure. The reason why it is not more gen-erally used is because farmers have been accustomed to see it used in a com-parison of the soil and the manure.

It is well understood that plants are composed of two classes of chemical substances known as the organic or volatile compounds, which are de-stroyed by burning, and the inorganic or fixed elements, which remain in the ash after burning. The importance of the inorganic or fixed elements to plant life rests in the fact that, no matter what sort of a soil is under cultivation, a healthy plant carries away about the same amount of these con-stituents which it obtains from the soil for the building up of its struc-ture. At the same time, while the same species of plant when matured may yield to analysis very similar quan-tities of these elements, different species will show different results as to kind and quality, and the more re-mote the more natural affinity of the species to each other, the wider, as a rule, will be these differences.

On soils where one or more con-stituents is absent, perfect plants can-not be produced, much less can fruits. The most valuable materials are phos-phoric acid, potash, nitrogen and lime. Accordingly where soils have been ex-hausted by the growth and carrying away of crops to a point below that of remunerative cultivation they may be restored to fertility by making a ju-dicious return of the ash or mineral constituents along with the element nitrogen. This last named, the nitro-gen, belongs to the organic class of plant foods.

While it is true that some alluvial soils possess vast stores of plant food, both of nitrogeous and of mineral substances, so as to be regarded as practically inexhaustible, yet by con-stant cropping, without a suitable re-turn of manure, they will in time be-come unproductive.

LAYING OUT THE LILAC.

One of the first shrubs to blossom in the spring will be the lilac, which is deservedly among the most popular of plants. It may well be called a "queen of shrubs," and is a favorite because of its remarkable hardihood, the showy clusters of its abundant and fragrant blossoms and its pa-tience under cultural abuse.

The common lilac (*syringia vul-garis*) is the most common in the gardens, and from it have sprung a large number of showy forms which are grown in parks by more expert gardeners. While the lilac grows in almost any soil, to obtain the best re-sults it should be planted in rich, well drained soil, somewhat heavy with a little clay in it if possible.

The Amor lilac is one of the more showy varieties which should have more general favor. It is a tall, slender shrubs, ten to twelve feet in height, which unfolds its leaves very early in the spring and produces large clusters of yellowish white flowers very early in June. It retains its deep green foliage well through the season.

The Persian lilac is the lowest-growing variety, which is well known in this country. It grows from four to seven feet in height, and has very slender branches, which form a grace-ful outline. The flowers are pale pur-ple, and there is also a white flower-ing form.—Washington Star.

Plant Food in the Soil.

The farmer should secure all the knowledge possible concerning the available plant food in the soil, and the dependence of plant life upon the sol-uble portion of the fertilizing constitu-ents present.

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PLAN FOR IMPROVING CORN.

About ten years ago I became much interested in the improvement of seed corn and after much groping about I finally settled down on the following plan:

Start with one well established variety, and in selecting the ears for seed let one-fourth of them be from one field and three-fourths from an-other field, in order that there may be no "pollen relation" between them.

To secure perfect pollenization it is best to have this proportion—one row of the mother plants to three rows of those used for the sire, be-sides having all the outside rows of the sire plants. The sire plants are those not detasseled, and no corn is saved from them for seed.

While the corn is growing it must have every possible advantage of good cultivation, and when the time comes to detassel (which should be just before the pollen ripens) make the tassels with a sharp knife at the base of the tassels and then cover the tassels with a good stiff wax, to pre-vent them from being blown away and consequent shrunken ears. When husk-

detasseled, only the

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Thursday October 11th 1860

Pleasant Went to a market at Ashmun
Picked apples

Friday Oct 12

Pleasant Finished picking apples

Saturday Oct 13

Pleasant Working in the forenoon
Threshed oats in the afternoon

Sunday Oct 14

Pleasant

Monday Oct 15

Pleasant Threshing oats

Tuesday Oct 16

Pleasant Threshing oats

Went to work

Wednesday Oct 17

Pleasant Still at work on the oats

Thursday Oct 18

Pleasant Threshed my oats and
95 bushels. Have had a severe cold
for some days. Have not been able to
to a full day work this week

Friday Oct 19

Pleasant Went to mill and to the
Dr. Got in some corn

Saturday Oct 20

A strong N.E. wind cloudy to night
Threshing corn

Sunday Oct 21

Rainy

Monday Oct 22

Rainy Threshed what corn I had in

Tuesday Oct 23

Rainy Did not want to plow

Wednesday Oct 24

Pleasant Market for an early
Even came last night

to the appearance of the fruit, but should only be used with first-class apples.

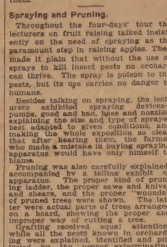
[illegible]

Across the aisle was an exhibit showing the relation of proper fertilizing to a fruit crop. A series of bins were arranged in a row, each containing a different yield per acre of the apple shown. Over each bin was a platform telling the amount of fertilizer the crop was raised on. They ran as follows:

- 1—Manure, 10 tons to the acre. Yield 30 bushels.
- 2—Hard wood ash, Yield 22.5 bushels.
- 3—Superphosphate, Yield 20 bushels.
- 4—Bone meal, 500 pounds, tonnage of phosphate, Yield 20 bushels.
- 5—None used, 500 pounds, low grade sulphate, Yield 15 bushels.

The bin with the four-larrel-an-acre crop represented in it, was so small that it was not possible to get a close view of the 25-barrel crop represented. Such a season drop seems hard to believe. The bin with the 100-barrel crop represented New England orchards, the bulk of which are in the hands of the owners of the four-larrel class.

The results of the tests in these groups were determined only after long and tedious calculations of the relation of the crops of the college. They represented thousands of dollars' outlay by the State of New York, and it is to be hoped someone would avail himself of



TALK ON COWS

AN AUDIENCE IN THE DAIRY CASE

"better farming special." Its cornin was advertised in every place it went. In the crowds that greeted it were many persons not directly interested in farming, but there were also many farmers. To these the lecturers warmed like

[illegible]

luscious New England apple, wrapped, packed and labeled after the western style. On the white tissue paper in which each apple was packed was the inscription: "Department of Pomology, Massachusetts Agricultural College, Amherst, Mass."

These striking examples carried their lesson at sight.

Proper methods of packing apples were also shown. A properly packed barrel exhibited, the top edged with white paper, and covered with a sheet of paraffin paper. Over the barrel was this:

A properly faced barrel of apples: The inside part to be just as good as the face.

The oiled paper and lace circle add

[illegible]

Various kinds of apparatus tested at the dairy and proved to be good. The also shown, including a habcock test for determining the fat content of milk and a model cream separator with parts exposed to show its internal work.

The demonstrations in the dairy class exemplified some of the most approved methods of handling dairy products and also included a test for detecting oleomargarine.

A Lesson in Hay.

Small bales of hay, arranged in a row, each of a size in proportion to the yield per acre of the crop from which it was taken, showed the results of various kinds of fertilizers. The packers also told the students of the value of crop and at the same time served as a prescription to all who would avail themselves of the opportunity.

shed. In the forestry cor were shown the methods of planting trees, of thinning and of burning forest areas of exterminating pests, particularly the rapacious moths that infest Massachusetts White Pine.

In the baggage cor was an exhibit devoted to poultry raising. Here were shown the various breeds, model feeding devices, the proper and the improper ways of feeding, the various sorts of food and the proper rations to give hens and so on.

Points for Poultry Raisers.

On the walls were various placards giving information to poultry raisers. Here is an example:

Give your fowls the best given excellent results at the experiment station of the agricultural college.

Corneal, 25 pounds
Mince 10 pounds
Beef suet, 1 pound
Cracked corn, 10 pounds
Whole grain feed, 10 pounds
Whole grain feed, feed in litter once a day.
Cracked corn, 50 pounds
Oats, 50 pounds
Green feed, 50 pounds
Wheat or alfalfa, 1 pound

It is not wise to use a cheap grade of scrap lumber for the building of the poultry raising situation.

On the opposite side of the car was a photograph of a poultry raising situation. According to the latest figures, Massachusetts consumes \$3,000,000 worth of poultry products a year and produces \$1,000,000 worth. The average Massachusetts poultry raising is one of the most successful in the country.

There are many acres in this state of relatively infertile land, held at low valuation and well suited to raising poultry. The capital invested in raising poultry is small, the capital invested in raising other products are always in demand and the price which under wise and efficient management will be high.

"Why not produce more poultry?"

Reading Matter.

The text book and library needs of the farmer were not forgotten. A shelf labeled "Books of Interest to Farmers" contained a well-selected library. The five-foot library of Charles W. Egbert, of the University of Wisconsin, gave knowledge of the faculty at the Agricultural Experiment Station. It was a valuable offering to the station on the train.

These books, there were

[illegible]

the Legion
13
to small
and for
14
I should be
at night I
got it done
15
I got the
16
which means
Flamme
17
at Horn
the house
18
19
not to trace
the place
20
I got a very
4 stamps
for 21
which started
as in 18
22
helped me
to trace
23
Hunt

Friday November 23rd 1860

Cloudy Splendid Skies

Saturday Nov 24 Very Busy
This at an eldred off I am feeling better
to night Went to Washy with my
Oven maid Paul & her son there
Went to I got up a skin house
for 2 year old skins Paid \$3

Went to Engine meeting

Sunday Nov 25

Clear & very cold

Monday Nov 26

Pleasant Went to town
looked my Stear Day some fresh
fine things Went to train

Tuesday Nov 27

A warm southerly rain
Killed poultry & dog other jobs
Mr J & Mrs W & family came
in the noon train

Paid Treys m^o of \$5 dollars
yesterday

Wednesday Nov 28

Pleasant Shivery storms
Paid E. F. Wheeler my taxes and
\$1/3 on the estate last Saturday

Thursday Nov 29

Pleasant Thanks giving day
Had John Samuels and Mr
J & Mrs W & family to dine

Friday Nov 30

Pleasant in the morning but has
been raining heavily for some
hours Mr & Mrs W left in
the early train

This month has like the
the last been very wet

WHITE PINE SEED AND METHODS OF COLLECTING

State Forester E. C. Hirst is sending out the following information concerning the collecting of White Pine seed.

On account of the many requests for information about the use of white pine in reforesting operations, a bulletin is being prepared on that subject. This circular is being issued in advance in order that the part dealing with seed collecting may be in the hands of those who are interested before the time for collecting white pine seed has passed.

There is an increasing demand for white pine seed and, as its vitality decreases after the first year, the Forestry Commission will be glad to know of persons who are collecting seed in order to inform prospective purchasers where fresh seed may be obtained.

The seeds of white pine are developed in the cones and fall to the ground when cones become ripe and open. They may be found in a green cone by prying apart the scales, two seeds occurring at the base of each scale. When mature each seed is about one-quarter of an inch long, and has a wing attached to it which is about three times as long as the seed. White pine seed in the market generally has the wings removed, in which case a pound will contain about 28,000 seeds. The market price varies with the abundance of the crop, but is usually between \$2.00 and \$2.50 per pound.

It requires two years for the cones of white pine to mature and produce seed. The young cone is the female flower or blossom, and consists of a short central axis with spirally arranged scales. At the base of each scale are two small embryos, which are fertilized by the pine pollen and develop into seeds. It is not, however, until the second summer that this flower matures into a cone and takes on the bright green color with which many are familiar. Late in the second summer the cones that are most exposed to the sun begin to turn brown, and during early September the scales become dry and open out, permitting the seeds to escape.

White pine trees under twenty years of age produce very few cones, and those over thirty years old are much more prolific. The trees growing in the open or on the edge of the woods produce more cones, and hence more seed, than those growing in the dense forest. The grows grow near the ends of the branches, on the under side, and most of them are near the top of the tree.

White pine does not produce an abundant crop of seed every year. Hence, it is important to collect it during heavy seed years, which occur at intervals of from three to seven years. A heavy seed year may occur in a few localities in the state while over the rest of the state the trees may produce only a few cones. At other times there may be a heavy seed year over a large area embracing several states.

At the present time, August, 1910, there is a very heavy crop of cones in the region about Conway, and fairly heavy crops in the Pemigewasset valley, in the Merimack valley below Manchester and in parts of Cheshire county.

It is a matter of the greatest importance to collect the cones just at the right time. It is useless to collect them after the scales have begun to open for most of the seeds will have escaped. On the other hand, it is desirable to leave them on the tree until thoroughly mature, for the seeds will be stronger and more of them will germinate. The time at which cones should be gathered varies in different years with the weather conditions. A summer drought will often delay the ripening of the seed for a week or more, while a warm, dry week following a wet summer will hasten it. Ordinarily in New Hampshire white pine cones should be gathered early in September. This year the dry weather in some parts of the state and frequent rains in other parts may cause a considerable difference of time to prevail when pine cones should be harvested. Persons desiring to collect them should watch the development of the cones carefully, and when a few of the long, bright green cones begin to turn brown, then harvest the entire crop as soon as possible.

Collecting white pine cones is very easily done if one can find a wood lot that is being cut at the time the seeds are ripe. The cones can be pulled from the branches after the tree is felled. A good method is to collect them in baskets or buckets and empty these into grain bags in which the cones may be hauled away.

It is necessary in most cases, however, to get the cones from standing trees. Fortunately, the trees which produce the most seed are those growing in the open or on the edge of the forest which are generally limby clear down to the ground and are, therefore, much more easy to climb than those grown in the dense woods, which are clear of branches.

A rapid way to gather cones is for part of a crew to climb the trees and break off the cones or the branches on which the cones grow, and others to remain on the ground and collect the cones in bags. A good tool to use in cutting them off, and one which a blacksmith could easily make, consists of a short, curved blade fastened to a handle long enough to reach the length of the top limbs. If a tool of this kind cannot be easily obtained a light garden rake will serve to break or pull off the cones.

After the cones are collected in bags they should be placed in a dry barn or

covered shed and protected against rain while they are drying. If only a few cones are collected they may be left in the bags in which they were collected and placed in the sun to dry, being careful to keep them under cover at night or during rainy weather. At times the bag should be fluffed and as the cones become dry and the scales open, the seed falls out and is collected in the bag. If the quantity is larger the cones should be spread in a layer a few inches deep on a dry floor, and kept under cover. They should be stirred frequently to aid in drying, and after the scales open fluffing will remove most of the seed. The wings should be rubbed off and the seed screened and winnowed. A bushel of cones will yield somewhat less than a pound of clean seed.

If seed collecting is to be done on a very large scale curing and drying rooms are necessary. A good description of the methods in use for large operations is found in Bulletin 76, United States Forest Service.

The seed of white pine should be stored over winter in a place where the temperature is fairly even and the air is not damp. Closed rooms in unheated buildings make good store rooms. If there is only a small quantity of seed it may be tied in heavy paper sacks and suspended from the ceiling. If the quantity is large it will take up less space to use large, tight boxes or cans.

Information in regard to collecting seed of other forest trees, or the purchase and sale of same, will be furnished on application to E. C. Hirst, State Forester, Concord.

December 1 1860

4 Stumps.
went to town
2 more

Dec 3 sat
up helped Dr
in

4
4 Stumps
Purchased supplies
Dec 5

Dec 6
decided to help
Coughing
up

Dec 6
my Stumps Hunt
decided

Friday Dec 7
with Snow Signals

4 Stumps
Saturday Dec 8
not finished splitting stumps
to town

Sunday Dec 9
Came out
Monday Dec 10

has been feeling most of the
week a little lousy night
let head read for Dr

after the 1st got 8 lbs
Tuesday Dec 11
went to trenches

my Saw pulled 8 eye ground
one apples etc

Wednesday December 19th 1866

Snow squalls cut some trees
and hauled them home
Kepton got 8 blots apples
Went to saws in the evening

Thursday Dec 13

Cold & squally Chaffing
wood at the door

Friday Dec 14

Very cold and windy Chaffing
wood at the door

Saturday Dec 15

Pleasant Chopped some apples trees
Went to town

Sunday Dec 16

Pleasant

Monday Dec 17

Pleasant Chopped up apples trees
Went to town The S Carolina
secession convention meets today

Tuesday Dec 18

Pleasant Went to Sta. hoo
hauled home some wood

Reket over some apples

Wednesday Dec 19

Cloudy Chopped some apples
trees & got them up sent to town

Thursday Dec 20

Barry Reket apples and hauled
some pretty fat buttel short

Bought a calf of J Greenwald for \$65

Friday Dec 21

Pleasant Went to mill

Went to J Greenwalds for my
calf put the old wagon body on to
the old sleep bottom

Mr H Jones came today

New Hampshire Alfalfa Experiment.

The outcome of our experiment with alfalfa at the State Hospital farm has been considered successful by everyone who has learned of it. Seed was sown on April 29 on light land, with sandy subsoil. The ground was well prepared, fertilized with a good brand of potato fertilizer at the rate of 1,000 pounds per acre, and limed with air-slaked lime at the rate of at least two tons per acre. Inoculated soil from a piece of ground in which a few plants of alfalfa had been growing for three years for experimental purposes, was liberally scattered over the surface and harrowed in along with the seed. Before sowing, the seed itself was soaked in nitro-culture. I might mention that the seed should be covered very lightly, and if a heavy rain should bake the surface before seed is through the ground, it is important that the crust should be broken, with a brush harrow or some such implement.

On July 8, a good crop was cut, at least 1½ tons per acre. Another crop equally as good was again cut on August 5, and, while making this growth, most of it grew exactly 18 inches in 14 days by actual measurement.

On Sept. 8, it was cut for a third time and the crop was as good as either of the previous ones. Today (September 19) the field is showing a growth of about four or five inches and looks fully better than it has at any time this season.

After having produced at the rate of 1½ tons of hay per acre for the season, it would still make splendid pasturage, but whatever growth it makes from now on will be allowed to fall down and act as a protection for the roots during the winter, as I have found out by experience that alfalfa is liable to get winter killed the first year if not given some protection.

Raising Toulouse Geese.

To raise geese profitably, one must first secure good parent stock, or eggs from same. The Toulouse are the hardest of the geese family. They were originated in Toulouse, France, from which city they are given their name.

For best results, secure a gander at least one year old and mate to two geese. The gander should weigh 16 or 18 pounds, and the geese 12 to 14 pounds, although they often reach the enormous weight of 40 pounds to the pair.

I set five or six eggs under an ordinary hen for best results. The eggs will hatch in about 30 days. The goslings should be left in the nest with the hen until 24 hours old, then they should be removed with the hen to a large coop on a nice green sod. They should be confined in a small runway for the first few days, then they will be able to shift for themselves.

The goose will lay about 12 eggs before she wants to set, but if broken up at once she will lay a second and third lot. The first food should be given the goslings as soon as they are removed to their new quarters. I have had best results by feeding corn meal mixed with water so that it would be in a crumbly state. Give them just what they will clean up four or five times a day. Give them plenty of clean water for drinking purposes in shallow basins, as it is very essential for their welfare, but none for swimming purposes, as the Toulouse are a

late of potash, kainit, etc., also use phosphoric acid freely. Heavy applications of nitrogenous fertilizers seldom pay, but a small quantity is usually beneficial.

Plow deep, then plow out a deep trench, plant the seed at least four inches deep, and cover it one inch. As the plants grow, draw the soil into the trench, until it is full. One quart of seed should plant 100 feet of drill.

Peas are rapidly and easily planted by almost any of the small hand wheel planters, several makes of which are advertised in F. & H. Like all other vegetables, early sorts pay best and taste best on one's own table.

All the very early peas are dwarfs. The seed of some sorts are round and smooth; others are wrinkled. The early smooth peas are very hardy and may be planted as soon as the frost is out of the ground. The wrinkled varieties are somewhat more tender, the seed being liable to rot if planted too early.

New Potato Organization.

The New Hampshire Potato Growers' association has the following objects in view: To advertise New Hampshire potatoes for seed and market, to co-operate in purchase of chemicals for spraying and fertilizing. To arrange for exhibitions and for experiments in potato culture, and for any other measures that may be deemed advisable. The membership fee is \$1 per year.

Secretary B. S. Pickett writes: "As the association has been so recently organized, no plans have been made yet in regard to this successful marketing. Inquiries have been sent out to members of the association and to prospective members, asking for the number of acres likely to be grown this season. It is difficult to understand the reason for the low prices of the late winter and the early spring this year, when the price of all other food products are so high."

The Best Varieties of Lettuce.

In growing lettuce outdoors I have found it advisable to plant in rows instead of in beds, as it allows for better weeding and cultivation. For crisp and sweet lettuce it is necessary to keep the ground pulverized after each rain, otherwise it will soon become bitter. The soil should be light and only slightly fertilized, as lettuce does not need a strong soil.

The cultivation must be constant. The plants of the bunch sorts should be thinned to stand 2 or 3 inches apart in the row. The head varieties should have 6 inches to the plant.

My experience makes me a partisan of two especial varieties, the Black Seeded Simpson for early bunch lettuce, and the Deacon for head lettuce. The former is a large curled leaf, and remains in condition for use a long time.

The Deacon is the surest header I have tried. The heads are compact and I have had them weigh from ½ to ¾ pound. It is very tender and crisp, being especially fine for salads. These are standard varieties and may be had from any of the seedsmen.—M. G. Rambo.

Watering Horses.

A horse should be given water before feeding, and should not be allowed to drink immediately after a feed of grain, for the reason that the water will wash food out of the stomach.

1860

to turn

to succeed

Dec 23

18 inches deep

Dec 24

at the door

Turkey

25

4 cord of 2 feet

at full Dr

it

26

road for Dr.

at road side

flowers

as clude

at the plan

shay Chapin

to E. meeting

E. Emerson

ES

52-1910.

W. H. Wilson

AL CO.

ASE

PANY

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nated
with

Tuesday January 1st 1861

Pleasant Chaffery went
at the plains Went to town

Wednesday Jan 2nd

Pleasant Chaffery went at the
plains Went to town

Thursday Jan 3

Snow storm Did not do much

Friday Jan 4

Snowing in the morning but cleared
Chaffery went at the door

Went to town

Saturday Jan 5

Pleasant Killed De about
the sale of his hay went to town

Sunday Jan 6

Pleasant

Monday Jan 7

Pearly Chaffery went at the door

There is a large body of snow on

the ground 2 feet at least

Tuesday Jan 8

Pleasant Killed a bull at

Proctors Went to town in the

evening Henry P Fox came today

Wednesday Jan 9

Pleasant Did what I remember

for yesterday yesterday I chopped

wood at the door

Thursday Jan 10

Cloudy with some snow did not

do much

Friday Jan 11

Clear but very cold Very scattering

went to town

Saturday Jan 12

Cold with sun went to meet ~~the~~ ~~men~~ ~~and~~ ~~women~~

Sunday January 13 1861

Clear but very cold 15° below F.

Monday January 14
Cold 15° below zero went to town

Tuesday Jan 15
Cloudy home to town

Wednesday Jan 16
Snow

Thursday Jan 17
Cloudy Went to mill

In looking over my years
and I found it as follows
I have raised of hay 13 tons

Wheat	1 ton
Corn fodder	1 ton
Wheat	3 bushels
oats	100 bushels
corn	53 bushels
Potatoes	30 bushels
apples	850 bushels

Go do this I have raised ^{8 bushels} ~~8 bushels~~ ^{of apples} ~~8 bushels~~ ^{of apples} ~~8 bushels~~

Friday Jan 18
Squally

Saturday Jan 19
Pleasant went to town

Sunday Jan 20
Squally

Monday Jan 21
Cold & Windy Henry & I
left in the snow train
Saw the first of the
winter from Lewis to the north
and back an ice
have not done nearly anything
since Henry came

Tuesday January 28 1861

Cold & Windy went to Ashmun

Wednesday 29

Cold & Windy went to Ashmun
with Sam. over which he now
sals to a land many for \$95

Thursday Jan 30

Snowy went to auction of South
goods Frank Steese is with us

Friday Jan 31

Pleasant went to Haystack brook
& helped Sam. drive home a pair of
seeds he bought of Sam for \$5 dollar
broke a road into the woods

Saturday Jan 31

Pleasant Got up early went
to chapel some heat to an engine
meeting

Sunday Jan 31

Snowy and last night pleasant
to day

Monday Jan 31

Sleety but dry cutting wood
at the plains

Tuesday Jan 31

Sleety but dry chopped wood
at the plains

Wednesday Jan 31

Cold & Windy Snow clearing
cleared part of the house roof of
snow chopped wood at the door

Thursday Jan 31

Pleasant Cleared the roof of the
house of snow Saw a lot of
of wood from the plains The snow
has been noted for snow storms &
cloudy weather There is a lot of
ice in the

Friday February 1st 1861

Mild & pleasant to day but snowing
this evening chopping wood at the place
Went to town this evening

Saturday Feb 2nd our
barn is misty & raining

Sunday Feb 3rd
Pleasant

Monday Feb 4th

Cloudy cleared the snow from my
nose shed & mended the roof
Went to his friends nearest & back
back from the place

Tuesday Feb 5th

cloudy & snowing this evening
chopping wood at the place

Wednesday Feb 6th

Pleasant chopping wood at the door

Thursday Feb 7th

chance rain cleared off wind & cold
cleared the snow from the front
side of the barn & very wet
which the the snow has broken

Friday Feb 8th

Very cold Thermometer 27° below
at daylight 8° below at noon
No wind some much work

Saturday Feb 9th

Pleasant but cold chopping wood
at the door Went to town this evening

Sunday Feb 10th

Pleasant Sunday for as the
day went was pleasant I skinned
off the snow

Monday Feb 11th

Pleasant chopping wood at the
door cleared the back side of the barn

Tuesday February 12 1860

Rainy skated some iron on the
skid which had begun to operate
Went to town

Wednesday Feb 13

Pleasant Chopped wood and went to
town

Thursday Feb 14

Pleasant John made some
did not do much

Friday Feb 15

Stormy

Saturday Feb 16

Pleasant John left this morning
Went to town chopped wood

Sunday Feb 17

Pleasant

Monday Feb 18

Pleasant Got 2 loads wood from the
pound & cut out of heat to town

Tuesday Feb 19

Pleasant Killed 2 hogs

Wednesday Feb 20

Snow in the morning but cleared
Gained heat to be Practically here

2716lb. I abated the rest of day

Thursday Feb 21

Pleasant Went for a load of
wood for Dr but could not
get it on account of the snow
Got a bad sore throat & my wife
lived at Mr Foxes

Friday Feb 22

Pleasant Felling in the
forenoon Chopping wood
at the place in the afternoon

Saturday February 23 1861

Cloudy Chaffing went at
the plains

Sunday Feb 24

Pleasant little cloud

Dressed her calf

Monday Feb 25

Pleasant Chaffing went

Tuesday Feb 26

Pleasant Got a lamb and

I cut it off from a fleck

Wednesday Feb 27

Very warm but as yet nothing

There was a fence at the mill

hull last night as an accident

abandoned the receipt of all animals

Thursday Feb 28

Pleasant Still the same

This forenoon had not done much

This month has been rather

mild & pleasant

Friday March 1 1861

Pleasant Peck a lamb at

the plain went to town

Saturday March 2

Cloudy Got lamb went & cut it

Cloudy my wagon went to town

Sunday March 3

Very warm heard Blue Birds

Monday March 4

Very mild Chaffing went

at the plains

Tuesday March 5

Pleasant Cut Chaffing went

at the plains - Sunday March 6

The weather commenced severe the

highest in June 1863 May 6 to 18 June

Wednesday March 6th 1861

Cold and squally Hauling
wood from the plain
Wagons passed yesterday the first
time this Spring
Thursday March 7

Very cold & windy Thermometer at Base
Chopping wood at the door

Friday March 8
Pleasant Chopped wood at the door
the door sawe Golep come in the late
morn

Saturday March 9
Rainy Chopped wood at the door this
Clough deposited calf forenoon
Sunday March 10

Pleasant Worked on some cow
which was very sub

Sunday March 11
Pleasant Killed the cow I bought
her Chopped wood at the door
went to work in a wagon

Tuesday March 12
Pleasant Town meeting for char-
ity State town Councils officers
and representative to congress
the Democrats bay 58 majority
Rhineham Rhineham town club

and first (see in mar)
Piffen ^{my} forby 2 and {
John Brown 3 and {

Adams Blowed
Jonas Faynot Our seeds of the Poor
Moses Farley

representative to General court
Bought a Pair of Bi Christian for
collected and accepted 28 cts

Wednesday March 13th 1861

Snow and rain Went to town meeting
Painted my arzen

Am concluded to wear a coat

Thursday March 14th 1861

Cloudy till noon when it began
to snow went to bus haw getting

Friday March 15

Pleasant went to J & Smith
with Sam for a calf Hauled
3 loads logs to mill went
to Mrs Wrights in the evening

Saturday March 16

Six inches snow fell during the
night & forenoon clear this afternoon
burnished my arzen & dusted the jets
went to a puppet show in the town hall
this evening. Annie dropped her collar

Sunday March 17

Pleasant

Monday March 18

Thereminister 4⁰ taken zero occur
mother to Aunt Hannah my set
the lot of my stave about four
lumber from the mill went to town

Tuesday March 19

A snow storm Got a cow and
lumber from the mill paid \$2.50
for sawing

Wednesday March 20

Pleasant Trimming trees got up
the brush

Thursday March 21

Drizzling Churned for milk
Trimming trees Susan & Perless
came in the men train

Sunday March 22nd 1861

Had the most severe snow storm of the season last night & this morning nearly all has fallen & is heavily drifted sent to aunt Haskin's to be made roasts & broils

Saturday March 23

Pleasant Brake lands half day Went to aunt Haskin's & carried matter to Mrs. Merrill sent to the Depot for Jessie's trunk put it up it was a hard job as I had only Sam to help me went to Mrs. Merrill for matter sent to town

Sunday March 24

Pleasant

Monday March 25

Pleasant Cut a walnut tree and cut it up

Tuesday March 26

Cloudy with slight showers. carried walnut cut to mill had it sawed into sled loads Cut an apple tree

Rabbits & chipmunks have come

Wednesday March 27

Rainy Chopped wood

Thursday March 28

Pleasant Got load wood from the plains & cut it. Did some little jobs Went to a concert with Sam & Miss Forwell of Harvard sang with a good deal of taste

Friday March 29

Pleasant Got load wood from the plains & cut it

Saturday, March 30/85

Shaver. Got an apple tree and
cut it. Did some jobs for Dr. Went
to an Engine meeting.

The Snow Storm is reported in
the papers as being the worst since
for years extending from Georgia
to the extreme north where the snow
is from 4 to 8 ft. deep.

Sunday March 31
Very happy but pleasant our
head.

So ends this year

Monday April 1st 1861

Pleasant in the morning
has the appearance to night
carried 2 loads goods to the
Depot for Dr. Barker in a yoke
went to the fields

Tuesday April 2
A real snow storm nearly a
foot has fallen. Finished
my yoke

Wednesday April 3
Saw my this morning cleared off
Gaboring

Thursday April 4
Gaboring this forenoon Got my steers
shod this afternoon

Friday April 5
Pleasant went to Washburn
brought churn & Grapes from 4
for her 2. Worked for Dr

Saturday April 6
Pleasant went to the Depot
with goods for Dr. she left
for Chelsea hospital to day
went to town

Sunday April 7
Pleasant

Monday April 8
Pleasant Sawed & crossed
on Rye ~~west~~ & Burned Bush
Announced to all my steers & got cut meat

Tuesday April 9
Barker on stable went to mill &
to town

Wednesday April 10
Barker on stable went to Rile corner &
finished a yoke went to town

Thursday April 11 1861

Pleasant - Last day went to
to run & to Preschoes hired the press
keep yesterday for the first time

Friday April 12

Cloudy in the morning but clear
Went to Esnersens auction bought
Chair Dr came in the late train

Saturday April 13

* Bawny Sat Chicle & had jolany
I left in noon train
The batteries arriving but Sumpter
in Charleston harbor appear on
that fort yesterday was has begun
what will be the end

Sunday April 14

* Pleasant President Lincoln
has issued a proclamation for 75,000
men

Monday April 15

Pleasant Went to the Depot with load
of goods Sumpter has surrendered

Tuesday April 16

* Bawny & had jolany Sumpter all
mustering into service in most
of the northern states

Went to all of day yesterday

Wednesday April 17

Stormy jolany

Thursday April 18

Pleasant Scoury Cats & Lucy

Friday April 19

Pleasant finished my sewing
I saved some wooly for same

Saturday April 20

Pleasant Sewing & hawking men
for some Henry & I came in the
late train

The alle. April 21 1861

* Pleasant Ciel has almost entire
* Groups are concentrating at the capital
from all the Northern States 2000
men were killed by the mob in
passing through Baltimore several
of the dealers were also killed

Monday April 22
Manny hat cleared saved oats
for Sam went to town Henry left
in the early train

Pell draped her cell Sunday

Tuesday April 23

Very warm sunny oats & Hauling
manure

Wednesday April 24

Bustling Hauling manure for Sam

Thursday April 24

Pleasant with high wind carried
load goods to Depot for Dr Speed
manure & ploughed a piece for Sam

Friday April 26

Pleasant Hauled fire for Sam
finished sowing & Hauled a new
for Sam & commenced to haul on
the manure

Saturday April 27

Pleasant Hauling manure
went to Engine meeting Chase
old bond of Officers

Sunday April 28

Cloudy rain at night

Monday April 29

Pleasant with high wind
Hauling manure
Pell draped her cell
Curt - Saturday

Tuesday April 30th 1861

Pleasant a shower at night
Hauling manure for Sam
New scallions the first time
This season Turned the cattle out
He came in the late train.

Wednesday May 1st
Cold & cloudy Hauling?
Spreading manure went to Ashbur
He left in the early train

Thursday May 2
Fair but exceedingly cold the ground
frozen last night an inch deep
Finished hauling Sam's manure
he had 86 loads Hauled this
afternoon

Friday May 3.
Pleasant No. 100 manure
Went to town

Saturday May 4
Pleasant Hauling Fat hush
& the steers then went to a
meeting of the Emersons etc etc
Sunday May 5
Very Pleasant

Monday May 6
Pleasant till 12 M. when it
has rained heavily Hauled manure
and did some little jobs

Tuesday May 7
Fair & cold Hauling manure

Wednesday May 8
Pleasant ob. 11 shower P.M.
Hauling manure

Thursday May 9
Pleasant finished hauling manure
had 82 loads spread in the afternoon

Friday May 10th 1861

Pleasant Spread the manure
on my planting ground & ploughed
it in put on 65 loads

Saturday May 11

Cloudy with some rain
Ploughed the 9 outers. Hauled
for sarn. Went to an adjourned
meeting of the creditors of Mr
Emerson

Sunday May 12

P. Pleasant with occasional showers

Monday May 13

Cloudy with some rain Hauled
furrowed & ploughed 4 buckels potatoes
for sarn

Tuesday May 14

Weather same as yesterday
Went to J B Perkins & my horse cart
put a spire in it. Hauled my
planting ground once

Wednesday May 15

Very Pleasant finished planting and
put in of some corn & furrowed out more

Thursday May 16

Had a slight shower cold & windy
Planted my corn & potatoes
There is about an acre and 1/2 in
the piece had put on 65 loads
manure finished sowing in sarn

Friday May 17

Cool Finished sarns planting
Went to town

Saturday May 18

Cool with showers. Has not been any
cold. Went to C. Shedd & Smith & to
town. Hauled 5 load ground out some other goods

Sunday May 17th 1861

Pleasant

Monday May 20

Pleasant with slight showers
Hauling lumber

Tuesday May 21

Weather as yesterday Mother
was taken very ill last night
have not done much today

Wednesday May 22

Pleasant Mother is better
Hauling lumber left the young
cattle in the pasture

Thursday May 23

Pleasant went to Harlow
hauled lumber

Friday May 24

Pleasant Hauling lumber
went to town yesterday

Saturday May 25

Warm with occasional showers
Hauled lumber & did other jobs
went to an Engine meeting
Mother is about the house but
suffers from debility

Sunday May 26

Pleasant

Monday May 27

Rainy in the morning
Clearer a little at noon in the
afternoon we had a heavy shower
Got my fodder corn pulled in
& did other jobs. Little rain in the
late hour

Tuesday May 28

Very cold & windy. Planted feed corn
I finished my beans & the garden
& set out a apple nursery. Evered today

Wednesday May 28

Pleasant - I oblong

The P Box came in the noon train

Thursday May 30

Pleasant Hauled Locom

Hunted & was found five

Friday May 31

Pleasant hauled Locom

This month has been very cold
with snow enough to keep things
frozen

Sine 1st 1861

Pleasant went to Chaska

and to town Saturday

Sunday June 2

Pleasant

Monday June 3

Rainy Painted sitting house

Tuesday June 4

Pleasant Galling found crow nest

Wednesday June 5

Pleasant Electroday Painted

sitting room varnished shelf

went to town

Thursday June 6

Rainy Galling

Friday June 7

Cloudy Went to Chaska

Whitcomb's the Greeting
and sitting room

Saturday June 8

Clouds with rain in the afternoon
went to mill Galling

Sunday June 9 Pleasant

Monday June 10

Pleasant Hauling

Tuesday June 10

Pleasant Working on highway
Wednesday June 11
Showers in the night but Pleasant
today had same as yesterday
Wednesday June

Thursday June 12
Pleasant Very Warm
Friday June 13

Pleasant Cherry Blossom
\$25.00 of D. Farley yesterday
Saturday June 14

Pleasant Pleasant morning
Went to town (Chas. C. B. B. B.)

Sunday June 16
Pleasant

Monday June 17
Pleasant Summer morning
Went to town

Tuesday June 18
Pleasant Moved the feed room
The hulkings feed the garden
Went to town fishing

Wednesday June 19
Pleasant Went to town
Thursday June 20

Had a shower last night
Pleasant today Sweet some
garden Fat in the hay

Friday June 21
Pleasant Sept showers on
the afternoon Fat muchal
Silvery late too

Saturday June 22
Showers but cleared off
Morning

Sunday June 23

Generally fine as ant but had
a slight shower

Monday June 24

Cool but pleasant Steermy
Went to town

Tuesday June 25

Pleasant Steermy perumped
the former even

Wednesday June 26

Pleasant Steer the garden
Went to Mr Beards to the plow
& to Gains Wrights Stomachy

Thursday June 27

Pleasant Went to Sherrys
Bought Pithing pub mend
some rakes mowed some closer

Friday June 28

Pleasant Had a slight shower
Mowed a little Went to town

Saturday June 29

Pleasant Went fishing to mile
to Benches to Enyne mowing and
did some other jobs

Sunday June 30

Pleasant

Monday July 1st 1861

Pleasant Haying

Tuesday July 2

Rainy in the forenoon clear
Went fishing

Wednesday July 3

Pleasant Haying

Thursday July 4

Pleasant Haying Brother came
home yesterday David & the
children came with me

Friday July 5-1861

Pleasant haying Lereve
left I & Henry came

Saturday July 6
Pleasant haying sold Dr
beefs at Sullivan went to
town

Sunday July 7
Pleasant

Monday July 8
Pleasant Haying

Tuesday July 9
Pleasant till 5 PM had
a shower the afternoon summer
John Farley's horse went to the
fire haying & I & his wife came

Wednesday July 10

Dull haying a little

Thursday July 11

Dull haying I had a little

Friday July 12

Pleasant haying

Saturday July 13

Haying

Sunday July 14

Raining

Monday July 15

Cloudy with slight shower

Haying in the forenoon

Tuesday July 16

Pleasant Haying

Wednesday July 17

Pleasant had a heavy shower
in the night Haying

Thursday July 18

Pleasant Haying

Thursday August 1st 1861

Dull Went to mill

Friday Aug 2

Pleasant Harvesting grain

Saturday Aug 3

Pleasant

Sunday Aug 4

Pleasant

Monday Aug 5

Dull Jobbing

Tuesday Aug 6

Pleasant Sowed out Cuttings

Picked stone from the

morning

Wednesday Aug 7

Pleasant in the morning

rained a little in the afternoon

Got in the oats &c come

with the children yesterday &

left today. Top milled a little

Thursday Aug 8

Dull Got the steer shed

broke up in the afternoon

Friday Aug 9

Dull Top dressed at m.

Broke up at 4th p.m.

Some corn to dry

Saturday Aug 10

Dull went to Westfield

Mr & Mrs's left Thursday

Sunday Aug 11

Pleasant

Monday Aug 12

Pleasant but saw the appearance
of rain tonight. Broke up in
the forenoon. Planted Oak for
Mr Reid in the afternoon

Tuesday Aug 13 1861

Barnes Ford all day

Golding commenced to feed
the cows with corn & clover

Wednesday Aug 14

Pull with occasional rains
Golding

Thursday Aug 15
Pleasant Breaking up horses
36 bushell of oats

Friday Aug 16

Pleasant breaking up of horses

Saturday Aug 17

Cloudy with some rain cleared
Draining up. Cleaned 12 bush.
barley & carried S. Hunt home
He has been threshing for the last
(In come to mill) for days

Sunday Aug 18

Pleasant

Monday Aug 20 (Went to town)

Pleasant Breaking up (for Sam)

Tuesday Aug 21

Pleasant Breaking up for eye

Wednesday Aug 21

Thursday Aug 22

Cloudy with strong S. W. wind
with some rain. Harry had
this evening. Breaking up
for Sam. Got Michael & had
Hue & a pair of mallee
hitters they are about the new

Friday Aug 23 (old)

Pleasant Breaking up for eye

Saturday Aug 24

Pleasant. Goring & breaking up. Ploughing
ready for further work

Sunday August 25-1861

Pleasant Went to Mr Boardman's

Monday Aug 26

Pleasant Sunny day

Tuesday Aug 27

Pleasant Finished the day
and went to mill

Wednesday Aug 28

Pleasant Got load wood

from the plains and cut it
Went to Mr Wendell's pasture
in Dunstable with a few
friends to see some cattle.

There was four yoke of very
fine oxen and some steers

Cow calves and colts

Thursday Aug 29

Pleasant wet hot this evening
there has been a slight shower
have been pulling beets

Friday Aug 30

Pleasant Hot drying

Saturday Aug 31

Pleasant Finished up messes

Went to town to an Engine meeting

This month has been very

Pleasant - The ground has

not suffered much from

drought Henry P Jr came today

Sunday September 1 1861

Pleasant

Monday Sept 2

Pleasant - Harvesting corn

Henry left this morning

Tuesday Sept 3

Pleasant Went to Newry

Had a dinner

Wednesday September 4 1861

Pleasant Hauling mud
into the pig pen & cutting
stacks

Thursday Sept 5
Pleasant Tilling up
an old back channel and
cutting stacks bent to turn

Friday Sept 6
Pleasant Work same as
yesterday

Saturday Sept 7
Pleasant Work as yesterday

Sunday Sept 8
Pleasant

Monday Sept 9
Pleasant most of the day
some cloudy this P.M.
finished cutting stacks
made 2 flails. Threshed.
same beans Got in my
coloured Beans

Tuesday Sept 10
Pleasant A slight frost
in low land

Have been looking at
different pieces of corn
planted on Gaffer was
disappointed it looked better
than I anticipated

Wednesday Sept 11
Wind S.E. Rain all day
Threshed Grof Seed & Civilized
Beans sowed chaff on the mowing
which I hope to reap

Thursday Sept 12
Cool but pleasant Eat bread & butter

Thursday September 12 1861

from the plains. Richard
Dr. Cransberry went to Mr
Reas twice and to D. Farley

Friday Sept 13
Pleasant Went to Joshua
Cott wood & pulled beans
Went to town

Saturday Sept 14
Pleasant mending a cow building
Went to town

Sunday Sept 15
Pleasant

Monday Sept 16
Pleasant Work same as Saturday
Sold 2 Cows to D. Farley
if he can keep them

Tuesday Sept 17
Cloudy with a very little rain
Went to mill twice as
yesterday

Wednesday Sept 18
Cloudy Putting in a train
in the door yard & doing other
jobs

Thursday Sept 19
Pleasant Finished the train
dry a few Potatoes Went
to town

Friday Sept 20
Pleasant dry my Potatoes
Went to town. There I to
J. B. Perkins sold Henry
house to W. M. Tenney
Henry P. came yesterday

Saturday Sept 21
Cloudy but clear looks like rain
Riggin Potatoes went to town sold 2 Cows

Sunday September 22/86
Cloudy Pleasant weather

Monday Sept 23
Pleasant Had a fine rain
Saturday night Tom had
digging potatoes Dick had some
apples Henry left in the morn
ning he has been staying with
us a few days Bought his springs

Tuesday Sept 24
Pleasant Picking apples
Went to church Hannah

Wednesday Sept 25
Pleasant Picking apples

Thursday Sept 26
Pleasant Admired fast
Went to S Merrens
Friday Sept 27

Cloudy with a little rain
Ploughed for about Horned

Saturday Sept 28
Pleasant Went to Merren
to town Shesher beards
Henry I came to night

Sunday Sept 29
Pleasant

Monday Sept 30
Pleasant Moved some
mug from the Shop Killed
2 rats Went to town
this month has been very
Pleasant

Tuesday Oct 1
Pleasant but in rain

Wednesday Oct 2
Pleasant Picking Chestnuts
Put in load of corn

Thursday October 3rd 1861

Pleasant Harrowing planting
ground Went to Washua and
to town Henry came today
Friday Oct 4

Pleasant Harrowing & Picking
chestnuts went to Wm. Ames
and to town

Saturday Oct 5

Rainy Went to mill and
to the Depot picking

Henry & I left

Ernie left for N York & mother
for Worcester Tuesday some
family are here

Sunday Oct 6

Rainy

Monday Oct 7

Pleasant Picking chestnuts

Invited for see Mrs Burr came

Tuesday Oct 8

Rainy Picked chestnuts Permitted
ox cart Mrs Burr left

Wednesday Oct 9

Pleasant Picked chestnuts

Thursday Oct 10

Cloudy Picked chestnuts
Hashed 6 bushels of corn in
the field the rest to wash

Friday Oct 11

Rainy Drove to Danvers & cart
Went to Mill Corn was to

Saturday Oct 12

Cloudy but cleared off Went
to Washua to town bought

Pan then went out with

Dr & Charles corn on the lot again

Sunday October 13th 1861

By mail I could

Monday Oct-14

Pleasant Went to Worcester
for mother Dr Charles accom-
panied me to Grafton Jr.

Tuesday Oct-15

Pleasant Returned home
mother came with me went to
town Got in some corn

Wednesday Oct-16

Pleasant Picked chestnuts
I harvested corn

Thursday Oct-17

Cloudy but to still harvesting
corn It is very unusually warm
this evening

Friday Oct-18

Rainy A.M. clear P.M. had
a shower this evening but harvest
going this forenoon Picking
chestnuts this afternoon went to town

Saturday Oct-19

Misty this forenoon cleared
heavily all this afternoon & evening
Picked chestnuts & the Disapples

Sunday Oct-20

Pleasant

Monday Oct-21

Pleasant Harvesting corn
Went to town

Tuesday Oct-22

Pleasant Had the first killing
frost of the season last night
Cucumber vines have been in
full bearing until the 20th and
harvesting corn

Wednesday Oct 23

myself, Pleasant 9 AM

Threshing corn 4 in flound
2 bushels into the hay
Went to town

Thursday Oct 24

Cold with slight squalls of snow
Harvesting corn

Friday Oct 25

Pleasant Hard freeze last night
Harvesting corn Corn not matted
to be Rodewets & best of the

Saturday Oct 26

Pleasant Threshing corn for Sam

Went to town & back

Sunday Oct 27

Pleasant rained last night

Monday Oct 28

Pleasant but cold finished
Harvesting my corn

My crops for this year may
be enumerated thus Hay 40 tons

Wheat 2 "

Corn 100 "

Apples & bushels of other

8 240 do not full till 45, or with

Chickens 10 5 bushels

Beans 4, or 5

Potatoes 30 bushels

I have used barley 12 "

80 bushels of oats 34 "

disposed of as - Hay 150 "

Wheat 65 bushels

on my own

relatives & 25 bushels of corn

by discussing

Tuesday October 29 1861

Pleasant Cool. Harvesting
corn for Sam. Went to Mr. Beards
and to an Engine meeting

Wednesday Oct 30
Very Pleasant had a slight shower
at noon. Reaped my corn in
Harvesting corn for Sam

Thursday Oct 31
Pleasant. Harvested Sam. corn
finished fine. Went to town
this morn. Friday has been pleasant

Saturday the 1st
Pleasant. Went to Dursstable
and to town

Sunday Oct 2
Cloudy finished the fence
went to town

Monday Oct 3
Breezy nearly

Tuesday Oct 4
Pleasant. Carried the apples
to Capt Wright. Ploughed
ground for Sam. went to town

Wednesday Oct 5
Pleasant. Went with the fire
company to Manchester as
escort for Capt. Thomas company
had a capital time

Thursday Oct 6
Pleasant. Got corn from Capt.
Wright. Stopped Capt. Beards
kill a horse that had broken his leg

Friday Oct 7
Cold. Ploughing & tub graining and
Sabbath Oct 8
Pleasant. Was as yesterday

Saturday June 9

Runny commenced to plough
my stub ground again
Went to town but all the
cattle in the barn the first
time this season

Sunday June 10

Pleasant but cool Snow to be
seen on the mountain

Monday June 11

Pleasant but very cold the morning
Runny this afternoon pleasant
the evening Ploughed & set grain
for about 1/2 an hour

Tuesday June 12

Very cold & mostly cloudy
Stack growing Went to Mrs
Wright to carry & bring mother
Have been cutting my stens
they are splendidly

Wednesday June 13

A cold morning but a pleasant
day much as yesterday

Thursday June 14

Pleasant & sunny

Friday June 15

Very cold Went to the Depot
with Henry P. who came last night
Sat with Mr & Ed Burr who have
been the day previous last night
assisted at his funeral

Shaffer! Mr Peck & Mollie May

Saturday June 16

Cold & squally Staked some
wood together on Mrs Wright's
lot which has as yet to
be put at the stables

Sunday December 17th 1861

Pleasant

Monday Dec 18

Pleasant. Went to Saturday

Tuesday Dec 19

Pleasant. Went to mill &
Carried matter to Aunt Susan's

Wednesday Dec 20

Went to Laurel to see Harry
D. Fr. who is in camp there
as first Lieut. of Sharpshooters
Pleasant weather.

Thursday Dec 21

Pleasant. Dr. Henry here.

Friday Dec 22

Pleasant. Dr. Henry here.

Saturday Dec 23

Rained snow. Killed some
Poultry & did other jobs out to town

Sunday Dec 24

Pleasant. The ground is white
with snow

Monday Dec 25

Snowing lightly most of the day
fear this evening. Some sleighs
are out. Got some hay from the
plains sent to town

Tuesday Dec 26

Dr. Henry Prof. W. Dr. Shol
got up some apple trees around

Wednesday Dec 27

Pleasant. Hunting about for cattle
Hammock Dr. Henry came

Have not turned out the cattle
since Sunday

Thursday December 22 1861

Pleasant Thanksgiving day
Dr. family Henry P. and
aunt Hannah's family dined
with us. Went to town twice
Capt. Wm. H. Jones Co. 5th Mass
V. H. Co. sent a man presented
to him

Friday Nov 29

Bury Hauled corn. At a load
of corn went to J. Gileys
Dr. & family & Henry left mother
went with Dr.

Saturday Nov 30

Spent the snow when cleared
Hilled the pigs Got a load
of corn and wood. (under 6000)
Went to Engine meeting
This week has been distinguished
for bluish

This morning has been mild
no frost in the ground things
covered with snow

Sunday December 1st 1861
Cold with some snow

Monday Dec 2

Cold but pleasant. Went to Washburn
with a sleigh Hauled some corn
for aunt Hannah by nephew 143 lbs

Tuesday December 3

Fair & cold. Got Machel's new
burne a buggy wheel. I bought at
my Club action for next at the
Plains

Wednesday Dec 4

Pleasant Chopping wood
at the plains

Thursday December 5 1861

Pleasant Went to town
to see Henry the Bear hunt
with me.

Friday Dec 6
Cloudy Chapping wood at the
plains went to town.

Saturday Dec 7
Pleasant Went to Kasha
but a slight headache
Sunday Dec 8

Pleasant

Monday Dec 9

Pleasant The snow is all
gone The frost is out of the
ground & people are getting
ploughing. Felling trees

Tuesday Dec 10

Pleasant Big blizzards N.W.
Trived trees in the afternoon

Wednesday Dec 11

Ran specks cold to night
Finished felling trees
Cut down a chestnut tree

Thursday Dec 12

Pleasant but cold Went
to Ashua saw a muskrat
Got my life boat boat & 100
Pence

Friday Dec 13

Pleasant Getting up hard
Went to town

Saturday Dec 14

Very pleasant Getting up hard
Sunday Dec 15

Fair & cold

Monday December 16 1861

Fair & cool. Getting up. Wood
beetles have been gathered and
grass hoppers seen in Rushville
County. News as late as the 9th
on Bay the papers

Tuesday Dec 17

Pleasant. Getting more N. W.
Killed pig in the afternoon
Went to Turkey. Fine

Wednesday Dec 18

Mild & pleasant. Getting more
Went to a meeting of the Helston
County agricultural society
A very mild & beautiful morning
sun rising

Thursday Dec 19

Pleasant. Early morning at
the plains

Friday Dec 20

Pleasant. Had a special in
the afternoon. Started off cold
Chipping wood at the plains

Saturday Dec 21

Fair & cold. Went as yesterday
Went to Mrs Wrights

Sunday Dec 22

Pleasant

Monday Dec 23

Went to the left of 6 miles. Old
barn. The night. Rain all day
Snowing this evening. Getting

Tuesday Dec 24

Cold & stormy. Snow blowing
Chipping wood at the door

Wednesday Dec 25

Fair & cold. Chipping wood at the door

Thursday December 26 1861

Very cold this morning Therm 10° below
Went to the Weight Cut & got load wood

Friday Dec 27

Bunny in the morning but cleared
Chipping wood at the den

Don Reed settled for Dr grass

Saturday Dec 28

Very Cold & windy Went to the cut
but broke my sled so I did not
get any wood finished sled

Sunday Dec 29

Pleasant

Monday Dec 30

Clearing but cleared off
Went to the Weight Cut
and got load wood

Tuesday Dec 31

Pleasant Work as yesterday
Wednesday January 1 1862

Went to the cut

Thursday Jan 2

Very cold & windy went to the cut

Friday Jan 3

Cold & windy did not do much
in the forenoon Chipped wood P.M.

Saturday Jan 4

Fair & Cold Went to the cut

Sunday Jan 5

Pleasant but cold

Monday Jan 6

Cloudy snow here this afternoon
Got an Oak from the plain
I heard an axle on my ox cart

Tuesday Jan 7

Pleasant Chipping wood at the den

Wednesday Jan 8

Pleasant hawking birds for meat Thursday

Thursday January 9 / 1862

Snow & Cloudy Hauling wood for
aunt Hannah

Friday Jan 10

Cloudy with rain this evening mild
Hallett has finished Aunt Joh
De V. mother came in the noon
train Dr left in the evening train

Saturday Jan 11

Pleasant Hallett has chopped
wood at the door

Sunday Jan 12

Rainy

Monday Jan 13

Fun with high wind Chopped wood
at the door

Tuesday Jan 14

Pleasant kinder Aunt Hannah
a load of wood chopped wood at the
door The 7th Regiment N. H. State
left Manchester for Washington today

Wednesday Jan 15

Snow & Rain Went to Mr Deans

Thursday Jan 16

Pleasant Chopping wood at the
door

Friday Jan 17

Cloudy Snow in the evening
Chopped wood at the door

Saturday Jan 18

Snow & rain Chopped wood
at the door

Sunday Jan 19

Snow & rain

Monday Jan 20

Snow & rain did not do much

Tuesday January 21 1862

Cloudy Chopped wood at the door

Wednesday Jan 22

Snow & Rain Killed Pig Went
to Mr Beeves twice

Thursday Jan 23

Very mild & pleasant Chopping

wood at the door

Friday Jan 24

Starry has the appearance of a
storm tonight Chopped wood at the
door Mr H Jones came today &
look to hives of bees

Saturday Jan 25

Snowing hard all day but has turned
to rain this evening falling Sunday Jan

very hard Monday Jan 26

Cold & windy Went to Groceries
broke roads

Tuesday Jan 27

Pleasant chopped wood at the door

Wednesday Jan 28

Snow sleet & rain Went to Groceries

Thursday Jan 29

Cloudy Chopping wood at the door

Friday Jan 30

Pleasant Chopping wood at the
door Went to Mr Beeves

This month has been a regular
winter month the snow is 2 ft on
a level I had enough to hear a mass

Saturday February 1st 1862

Cloudy with some snow hauling
wood from saw shed to mill

Sunday Feb 2

Pleasant

Monday February 3rd 1862

Pleasant - Went to Mr Rice
I to A Longways chatted here

Tuesday Feb 4

Cloudy Split Stumps
Frank Moore Mr Jones &
his son William came today

Wednesday Feb 5

Pleasant Have spent the
day with my friends who left
this afternoon went to town

Thursday Feb 6

Pleasant in the morning
but snowed in the evening
went to Mr Don & son Longways
chopped wood

Friday Feb 7

Pleasant - Killed Pig cannot
it to J Bates went to Mr Pettes
chopped wood

Saturday Feb 8

Pleasant Chopped wood

Sunday Feb 9

Pleasant

Monday Feb 10

Pleasant Chopped wood
went to mill

Tuesday Feb 11

Pleasant went to A Follies
I to D Follies twice

Wednesday Feb 12

Snow but cleared did not do much
Thursday Feb 13

Cloudy with some snow (Wind)
brought a blow to frost they are no

Friday Feb 14

Snow but cleared went to the plains back as
yet they are no to be seen

Saturday February 15/562

Pleasant till night when we
had a slight fall of snow
went with load at New to Dr
thoroughly cleaned the men house
went to bed

Sunday Feb 16

Pleasant

Monday Feb 17

Pleasant snowing this evening
have not done much Dr & Carter
came this evening

Tuesday Feb 18

Snowing this morning but cleared
Went to John Gusts Dr left
in the early train

Wednesday Feb 18

Pleasant Spent the night
at Aunt Hairsma's Went to train

Thursday Feb 20

Had a heavy fall of snow Dr came
last night Went to Smiths

Friday Feb 21

Pleasant Went to D Farleys

Saturday Feb 22

Pleasant Went to G. Jernett
with Charlie For More not done
much work this week

Sunday Feb 23

Pleasant

Monday Feb 24

Windy in the morning thunder
shower at noon snow equal this
evening went to D Farleys
making a horse

Tuesday Feb 25

Cold & Windy Making a horse

Medres by February 26 1862

Mild & Cloudy Making snow
Thursday Feb 27

Snowy Trade Cultivator harness
went to Mrs Beards

Friday Feb 28

Snowing & blowing jobbing

There is 2 1/2 ft solid snow on the
level the weather this month
has been for winter weather

Saturday March 1 1862

Cold & Windy Jobbing Went to town

Sunday March 2

Pleasant

Monday March 3

Cloudy with rain at night

Boake roads went to an insurance
meeting

Tuesday March 4

Rainy but cleared at night

Made 12 whip-sticks and some
ladder rounds

Wednesday March 5

Pleasant Hitching out axle
Went to Mrs Wrights

Thursday March 6

Cloudy Went to Garrison
with Sam who bought gun from

Friday March 7

Pleasant Went to Bill Conners
Worked on the stye

Saturday 8

Pleasant Working on the

Went to Mrs Beards and
to town

Sunday March 9

Pleasant

Monday March 10th 1862

Cloudy with some rain
went to the house for some time
mole

Tuesday March 11

Pleasant Sun meeting
Three officers elected one for
Southern Bro & representative

Burton Baldwin 1st

John Forley 2nd

Ernest Forley 3rd

} selected

Wednesday March 12

Pleasant gathering

Thursday March 13

Pleasant Killed a big fox on
Got stick from the plain for a ladder

Friday March 14

Cloudy baked on ladder

Went to Graton to look at some steers

Saturday March 15

Rain & sleet & snow cannot
do much

Sunday March 16

Stormy

Monday March 17

Pleasant went to look some
steers at Graton

Tuesday March 18

Pleasant went to F. Jewell's

I got a lamb which he gave me

hooked on ladder Bess defied

her calf

Wednesday March 19

Pleasant finished ladder

Set as jury at a mock trial

Went to mill

Thursday March 20th 1868

Pleasant went to I Lunds
to Mrs Hales & to Capt. Reads
attended court as Jurer the
juror did not agree & for emersion.
I & for acquittal sold my steers
to Mr Scripture for \$65.00

Friday March 21st

Storing went to Mr Rodditch
Saturday March 22nd cloudy
Bought a pair of Stags of
I Lund for \$7 1/2 dollars

Sunday March 23rd

Pleasant

Monday March 24th

Pleasant Went to hire my
steers to Washua went to D. Hardy
I to G. Roeters Blue & Black Birds have
come. Tuesday March 25th

Pleasant Went to Mr Reads
Went to the plains for a steer
to make an ox yoke

Wednesday March 26th

Pleasant Went to Mrs Burger
for a puttin made an ox yoke

Thursday March 27th

Pleasant Went to Frenches
have not done much.

Friday March 28th

Fair & cold. Clung. Dropped
her calf

Saturday March 29th

Pleasant Sarah died last
night went to work

have not felt very well
for two days

Sunday March 30th 1862

Pleasant

Monday March 31

Snowing Went to Bell Community
and finished my Oxyph
This month has been steady
but most extremely cold weather
The snow is from 15 to 20 inches
on the level though it is not
very good sleighing as there are
holes and an occasional hard spot
in the road

So ends this year

April 1st 1862

Pleasant Went to Peppell
with G. Caburn & to town
Cold bathing tubs

Wednesday April 2
Pleasant has the appearance
of rain to night Went to Duns tubs
fixed floor under the oven

Mr J F Worcester came in
the noon train the best hog on
this season says today

Thursday April 3
Stormy this morning but cleared
Went to Mr Beards

Friday April 4
Pleasant went to town in a
sleigh

Saturday April 5
Cold & Wind stormy this evening
went to town in a sleigh

Sunday April 6
Pleasant

Monday April 7
Cold & Fair here not done John
Quake came this noon

Tuesday April 8
Cloudy Hazy at last in fresh

Wednesday April 9
Pleasant Bore a storm. My
John left yesterday

Thursday April 10
Pleasant - Fast day

Friday April 11

Pleasant

Saturday April 12

Pleasant Went to S. Lewis
and some ore in am

Thos. V. Love, father of
Frank G. Love born this
date in Rochester, N. Y.

April 13 1862

Pleasant

Monday April 14

Pleasant. Put my C & G in show
Went to Market with Mrs. Beal

Tuesday April 15

Helped send Sam & no more

Wednesday April 16

Shower. Went to B. K. Long's

Helped send Sam & no more

Thursday April 17

Pleasant. Johning. Got out 3

loads manure. Mend the sheep

Peep the first time this season

Friday April 18

Very warm & pleasant. Flower

manure this forenoon. Went to

D. house. D. has sold his farm

& conveyed it to D. & B. & B. today

Saturday April 19

Pleasant. Went to T. P. & D. & D. got

muchal share finished & mowing

the piece by the house. Mowed in

house a little on my old ground

I sent to Mr. Bowditch

Sunday April 20

Clear & Cloudy

Monday April 21

Cloudy with some rain. Soaked my oats

Tuesday April 22

Rainy till 3 P.M. when it cleared

much. Rollo put with into

house. Mowed dry & do other

work got by from Mr. Bowditch

yes today

Wednesday April 23

Col. & I went to Market. Mowed manure. Sold in my

Thursday April 24 1862

Cold and windy Planted garden
and hauled manure

Friday April 25

Pleasant Hauled & spread manure
sowed my barley Hauled some hay
filled

Saturday April 26

Pleasant sowed some barley getting
West to an old society of mechanics
& Greenwell to the Mills & the
Redoubt & are chosen 12 am & 3 m
Engineers got a page from

Sunday April 27

Pleasant

Monday April 28

Pleasant Hauled last creek
for the Flax sowed some oats
& hauled manure

Tuesday April 29

Had some rain hauled
manure this week has been cool

Wednesday May 1

Very Pleasant hauled for manure
Hauled

Thursday May 2

Cloudy finished sowing barley
hauled manure Laid 22

Children came in the morning

Friday May 3

Most & very hauled manure
part of the day

Saturday May 4

Pretty Hauled manure for
some saw Scaless the first time

Sunday May 5

Pleasant

Sunday May 6th 1862

Spice had several thunder showers
Harding mowed for some
went to C. Beecham's & got
Step made to the buggy

Tuesday May 7

Pleasant with a light shower
Worked for aunt. Haseenah
Had a centennial celebration
of the Halls association
by ministers in the church

Wednesday May 8

Went to Aunt Blanche's and had
Harding mowed & ploughed &
ploughing it in. Went to
J. B. Perkins for a pig

Thursday May 9

Cold with a little snow. They
have finished building the ~~man~~
in the yard & spent it & finished
ploughing some piece

Ernie came from York today

Friday May 9

Pleasant Got the barnon piece
ready & planted it. Harrowed
the piece at the end of the house
went to A. Lorefey's

Saturday May 10

Cold & windy. Ploughed & planted
the piece by the house. Mended the
pasture fence. Harrowed for some
Dr & Charlie came to night

Sunday May 11

Cold & Windy

Monday May 12

Pleasant Got Sam's piece ready
& commenced to plant Dr & Charlie
~~at the morning~~

Tuesday May 13th 1862

Cloudy with some rain Finished
sowing (planting) commenced
to break up a piece for myself I did
some jobs

Wednesday May 14

Pleasant Have finished planting
my piece & got it ready to plant
The summer buds have come

Thursday May 15

Pleasant I sowed planting

Friday May 16

Very hot Therm. 86° in the shade
Worked for Bell Cornment

Saturday May 17

Very hot Worked for Bell Cornment
Dr & Charles came in the lake train

Sunday May 18

Pleasant

Monday May 19

Pleasant excepting a shower
Have attended the S. G. Court at
Ashua as juror

Tuesday May 20

Cloudy went to the Court at Ashua

Wednesday May 21

Misty in the morning but
cleared partially went to the Court

Thursday May 22

Misty rain last night clear tonight
Went to the Court at Ashua

Left Monday

Friday May 23

Pleasant attended Court

Saturday May 24

Pleasant attended Court
at Ashua

Sunday May 25 1860

Pleasant Shaw first on
Low Lands last night

Monday May 26

Pleasant went to J. J. Galois & Mrs. Baldwin
fixed price for corn feed & hauled corn

Tuesday May 27

Rainy News came of Gen. Banks
defeat and all the Mass Militia
were to appear on Boston Common
as soon as practicable prepared to leave
for Washington.

Wednesday May 28

Pleasant hauled corn sold
my hagle to Mr. Serapian

The order for Mass troops has
been countermanded

Thursday May 29

Pleasant hauled corn

Friday May 30

Pleasant worked on highway

Saturday May 31

Pleasant went to town Pleant
my fodder corn hauled for same
This afternoon went to an Engine
meeting & come yesterday I left
with his family today

This month has been dry and
rather cool

Sunday June 1st

Pleasant had a slight shower

Monday June 2

Pleasant the fore noon & after
cloudy this afternoon heavy rain

Tuesday June 3

Weather as yesterday Finished
my journey leaving camp in rain

Wednesday June 4th 1862

A steady rain all day
cleared the clouds

Thursday June 5

Pleasant. Worked the gardens & for
saw this afternoon

Friday June 6

Pleasant. Having can for saw

Saturday June 7

Cloudy. Rained this evening
Horse corn for saw & cultivated
a piece for myself

Sunday June 8

A cold N.E. rain storm

Monday June 9

Pleasant. Having corn & cultivating
potatoes for saw. Her Scythes got
load of hay

Tuesday June 10

Pleasant. Rained. Having
the first time. Went to C. P. Eastman's
looked at a fifteen foot fence in
saw's pasture

June 11

Had a shower this morning
Pleasant. Hauled best to mill
& to C. P. Eastman's, hauled corn
and looked at a fifteen foot fence in
old meadow

June 12

Had a slight shower this morning
after which it cleared. Hauled corn
& did other jobs

June 13

Pleasant with slight showers
Hauled corn & did other jobs
Went to an Engine meeting

Saturday June 14th 1862

Pleasant Jobbery went to town
and as a business received the Brethren
Baird

Sunday June 15th
Pleasant

Monday June 16th
Pleasant but a very cold night
Sleeping warm

Tuesday June 17th
Pleasant Sleeping warm for same

Wednesday June 18th
Pleasant Sleeping for same

Thursday June 19th
Pleasant but at shower last
night & one this evening
Sleeping Mr & Mrs Rockwood called

Friday June 20th
Pleasant. Sleeping

Saturday June 21st
Pleasant Shower this evening
Went to J Messersack
& to Washburn

Sunday June 22nd
Pleasant. Thirst. Sweater
Beise yesterday

Monday June 23rd
Jobbery. Thirst. J B Breake
for the month of July for \$28.00

Tuesday June 24th
Rainy. Jobbery went to town

Wednesday June 25th
Rainy. Spent day for J Hardy
& for Scripture Jobbery

Thursday June 26th
Rainy. Spent some time
for Henry & for Scripture

Friday June 27 1862

Pleasant Had a shower this evening loaded hay for scripture. Carried mother & I bought the corn mfg. Galsys

Saturday June 28

Pleasant yakked. Went to an Engine meeting

Sunday June 29

Cloudy

Monday June 30

Rainy Went to Washing

Scripture & cart for 82 hundred lbs of hay. Went to town & to the beaver brook school house

Tuesday This month has been hot & good growing weather

Wednesday July 1

Pleasant Haying

Thursday July 2

Cloudy rain in evening

Haying

Friday July 3

Cloudy with some rain cleared off. Got my own mowed some old hay for Sam & did other jobs

Saturday July 4

Very pleasant Haying

Sunday July 5

Cloudy but cleared Haying

Monday July 6

Fair

Tuesday July 7

Pleasant Haying Lang Come

Wednesday July 8

Pleasant Haying John Le

Lang Come to hay in the noon

Wednesday July 9th 1862

Cloudy both day & rain
Worked at haying a little

Thursday July 10

Cloudy but no rain
Went to churning

Friday July 11

Pleasant Haying for same

Saturday July 12

Pleasant Haying for same

Sunday July 13

Pleasant

Monday July 14

Pleasant Bury to night

Haying

Tuesday July 15

Bury

Wednesday July 16

Pleasant Haying

Thursday July 17

Pleasant no the appearance
of rain to night

Friday July 18

Pleasant Haying

Saturday July 19

Pleasant Haying

Sunday July 20

Pleasant no rain Bury D. A.

Monday July 21

Cloudy but clear

Haying a little cut the hay
with a scythe badly

Tuesday July 22

Dull Haying a little

Wednesday July 23

Dull

Thursday Friday July 24th 1862

Dull Haw Cut the corn I hauled
it half of the barn

Friday July 25

Dull Haying a little

Saturday July 26

Pleasant Haying

Sunday July 27

Pleasant

Monday July 28

Pleasant Haying

Tuesday July 29

Pleasant had a severe shower

Haying

Wednesday July 30

Dull Cut the hay

Thursday July 31

Pleasant had a severe shower

Harvest Haying

It has been a very dull stormy
month the worst hay season I
ever experienced but we have got it
in first rate order

August 1

Weather as yesterday Breaking up

Henry wife came yesterday

Saturday day 2

Pleasant. Breaking up put railing
to plumb break bridge got material

Sunday day 3

Pleasant

Monday day 4

Pleasant Moved some boxes

I got in the hay Susy left in the
city & Dr & Charles came in the back town

Tuesday day 5

Very hot here's some this evening
money and I made some more

Wednesday August 6 1862

Pleasant Ploughed in the
forenoon Worked in the barley

Thursday Aug 7
Pleasant Cut some oats &
got in the barley

Friday Aug 8
Shut as usual last night I
on this evening finished barley
I ploughed

Saturday Aug 9
Very hot with showers
Cut oats Threshed barley & helped
in & rearing got in some barley
Took my calves from to care

Sunday Aug 10
Pleasant

Monday Aug 11
Pleasant Cut oats for some
Got in my oats had 65 sacks
Henry & John left this morning

Tuesday Aug 12
Pleasant finished some oats
Went to a Town meeting the
town voted to give a bounty of \$2.00
to any who would enlist

Wednesday Aug 13
Pleasant hurried to the hay carts
Went to Vashon looked on the road

Thursday Aug 14
Pleasant Threshed barley sent to mill
Friday Aug 15

Shawny commenced to make these
good ploughing barley stubble

Saturday Aug 16
Pleasant ploughing from near
ken good

Sunday August 11th 1862

Pleasant

Monday Aug 18

Pleasant - Corrad John to the Do' at
finished ploughing & begins to harrow

Tuesday Aug 19

Pleasant - Very cool last night
Harrowed the full time mowed some
fence & finished cutting corn &c
Lorrie & the children came to night

Wednesday Aug 20

Pleasant Harrowing Rebury
after & threshing

Thursday Aug 21

Very hot Win. to the storm

Sowed Grass seed & harrowed it in

Friday Aug 22

Cloudy with a little rain have finished
the pile by our heads land which are
sowed down as an experiment

Harred a load of manure

& sowed it on the morning

Saturday Aug 23

Cloudy hard shifted at sea down &
it is clear & cool this evening

Safe deepening Dr came to dry

Sunday Aug 24

Pleasant

Monday Aug 25

Pleasant - a very slight frost this
morning Rotted some manure

Breaking up forage

Tuesday Aug 26

Pleasant Breaking up forage
helped arrive same day

Dr left yesterday

Wednesday August 27 1862

Pleasant finished ploughing
for the week. Went to a fair meeting
the engine company acted as escort

Thursday Aug 28

Pleasant Sowed the large field
some apples has some slight storms

Friday Aug 29

Pleasant had a heavy shower but
went to market & picked some
Saturday Aug 30

Pleasant finished lawn & helped
Sam get in some oats & picked
apples & went to an engine meeting

Sunday Aug 31

Pleasant. This month has
been very pleasant.

Monday September 1

Windy & clear at times with
strong southerly wind & brushed
a quilt & carried it to mill set
some traps & picked apples

Tuesday - Saturday

Tuesday Sept 2

Rainy but cleared. Put some
picked apples & pulled beans

Wednesday Sept 3

Pleasant ploughed for the
cut sticks & went to the wheelers

Thursday Sept 4

Pleasant cutting & hewing
sticks cut by same man

Friday Sept 5

Pleasant went to the
brushed burning stacks & continued
up even I haven't any more to cut

• Saturday September 6 1862

Very hot finished cutting
up the corn I hauled it to the
pile back of the house I stacked it
it is an experiment Hauled some
fence I, piled it up

Sunday Sept 7

Pleasant

Monday Sept 8

Pleasant Day & early potatoes
mowed some fence

Tuesday Sept 9

Pleasant had a slight shower
last night did work on pig pen

Wednesday Sept 10

Pleasant worked as yesterday

Wounded my Turkey had 58 turkeys

Thursday Sept 11

Very hot finished the pig pen

Friday Sept 12

Pleasant 1 P.M. Cloudy with some rain
P.M. Went to Washburn mowed some
straw selected my seed corn dug
some potatoes & helped some get in the
beans

Saturday Sept 13

Cloudy rained last night. Finished
digging early potatoes gathered the
pigs got in my corn & some stock
threshed my beans & some oats

Sunday Sept 14

Cloudy

Monday Sept 15

Cloudy Threshing oats

Tuesday Sept 16

Cloudy clear this evening
Threshing oats

Wednesday September 17/1862

Pleasant Threshing oats

Thursday Sept 18

Pleasant Threshing oats

Friday Sept 19

Cloudy Went to Washburn

Threshing oats

Saturday Sept 20

Cloudy clear this evening

Finished Threshing oats

Went 69 bushels

Sunday Sept 21

Pleasant

Monday Sept 22

Pleasant Got Michael & Susan

Went to the mill for scales & John & Mary

Tuesday Sept 23

Pleasant Threshing corn &

drying potatoes

Wednesday Sept 24

At 10 o'clock I went to the mill & a

shower this afternoon Threshing

corn & picking apples went to the

Bray's to carry & bury mother

Thursday Sept 25

Pleasant Picking apples

Friday Sept 26

Pleasant Picking apples

Went to Washburn

Saturday Sept 27

Pleasant Have had a little frost

for the three last nights

Mended some fence at the place

put some hay in & unloaded some

apples & went to an Evening meeting

Sunday Sept 28

Rainy

Monday September 29 1862

Pleasant Picked my apples

Tuesday Sept 30

Rainy Picked ~~some~~ some apples
husked some corn & did some jobs

Pleasant Picked apples

Wednesday October 1

Rainy Picked over some apples
husked some corn & did some other jobs

Thursday Oct 2

Rainy husked corn prepared some
shoes & got my order barrels ready
to sell

Friday Oct 3

Rainy & cloudy. Hauled a load of
sand for Bill Corraut & a load of
loam for myself. Picked all night

Saturday Oct 4

It should snow and very sunny with
some rain. Picked apples and went to N. J.
Calburns auction Henry came to day

Sunday Oct 5

Pleasant

Monday Oct 6

Pleasant - Went to Ashburn to
see the 13 Reg^{ts} off. Picked apples

Tuesday Oct 7

Very hot. Picking apples went to the
Depot. Mr. Moses & wife came to night

Wednesday Oct 8

Pleasant went to Whiffards picked
apples

Thursday Oct 9

Pleasant picked apples

Friday Oct 10

Cloudy Sowed potatoes for Sam

Saturday October 11 1862

Misty day potatoes for Sam

Sunday Oct 11

Cloudy

Monday Oct 12

Rainy went to Bill Connors

did some golding

Tuesday Oct 13

Pleasant golding & picking apples

Wednesday Oct 14

Pleasant a little rain this evening

Sam's calf died this morning

Went in the morn'g helped

him pick apples

Thursday Oct 15

Cloudy Picked apples

Mr. Ames & wife left

Friday Oct 16

Misty finished picking apples

picked some for D.

Saturday Oct 17

Pleasant went to Vol. Grenches

Picked apples for Dr. Went to town

Sunday Oct 18

Pleasant

Monday Oct 19

Pleasant went to Ashua

I got some barrels finished the

Drapples had a severe toothache

all last night

Tuesday Oct 20

Had a very cold after a warm cold and

windy went to Ashua did some work

suffered with the toothache but I was

when I went to the Dr. and had one

Wednesday Oct 21

Very cold two heavy snow

Thursday October 22 1862

Very cold. Got in some corn helped
Sam a little. Commenced to husk my
apples which are sold to Curtis & Co
Boston for $1\frac{1}{2}$ per bush

Friday Oct 23

Very cold. The ground free quite hard
last night. Finished my apples &
husked some corn

Saturday Oct 24

Cold & cloudy. pulled my turnips
finished Sam's apples went to a engine
meeting. I to Mr. Heats. Drew a horse
at a Raffle & sold him to J. Gale for \$5.00

Sunday Oct 25

Cold & cloudy

Monday Oct 26

Planned hard went to town husked corn
and load some apples went to Mr. Heats.

Tuesday Oct 27

Very pleasant. Went to Chatham & to
Bill Comman's. Husked corn

Wednesday Oct 28

Cloudy. Went to Chatham. Finished
getting in my corn. Husked some

Thursday Oct 29

Very pleasant. Went to Chatham
Helped Sam get in some corn

Friday Oct 30

Very pleasant. Helped Sam
finish my turnips. (The ground has
become cold) Saturday Oct 31

Very pleasant. finished my corn
helped Sam. Hay and part of my
my apples went to town & found my

Sunday Nov 2

@ cloudy. a tooth pulled.

Monday November 3 1862

Had shower last night. Very muddy
today. Finished getting in some
combs. Tuesday Nov 4
Pleasant. Ploughing for
some

Wednesday Nov 5
Cold & windy. Finished working
for some. Ploughed some stub ground.

Thursday Nov 6
Barny in the morning but cleared
up. Thus horses left for home this
morning. Taking up the plowing
in the afternoon.

Friday Nov 7
Cold with some blizzard. This
forenoon went to the creek. Dr.
Picked over a few. Put the cattle up.

Saturday Nov 8
Cold & stormy. Picked over some
apples. Went to town & bought furniture.
I did some other jobs. Snow fell
yesterday & last night some 2 or 3 inches deep.
Sleeps were out this morning.

Sunday Nov 9
Cold & stormy
Monday Nov 10
Cold & windy. Ploughing
Stub ground.

Tuesday Nov 11
Pleasant. Finished the stub ground.
Went to the fields twice.
Went to mill here. Ploughed the
garden & manure it set some from
thee. Wednesday Nov 12
An April day. Went to the depot. Packed
Dr. garden. Hunted some game.

Thursday November 13 1862

Pleasant carried mother to agent
Hannock I went for her ^{bagged} ~~bagged~~ ^{bagged} ~~bagged~~
Gave some salt apples to the mill

Friday Nov 14

Went to brush up Haverhill for

Saturday Pleasant Nov 15

Pleasant

Carried cider apples to mill

Sunday Nov 17

Pleasant Trained horse

Monday Nov 18

Rainy went to Haverhill for some
Cider getting bent to work

Tuesday Nov 19

Pleasant ploughing for some

Wednesday Nov 20

Rainy went to Haverhill getting

Thursday Nov 20

Cloudy Did some small jobs in
the morning carried load of apples
to Respects Depot for agent Hannock

Friday Nov 21

Clearing most all day Did some jobs
have been running some cider
through saws rolled with same
for last years wood

Saturday Nov 22

Misty Snow & hail this evening
went to Haverhill with Bailey to S. Wright

Sunday Nov 23

Cold

Monday Nov 24

Fair Got up some wood

Tuesday Nov 25

Pleasant Hilled Pottery. Trained horse
went to Haverhill

Wednesday November 25 1862

Barry Went to Mill
Henry & Lizzie & the children
came yesterday in the noon train
Dance in the evening

Thursday November 26
Thanksgiving day In family
Henry & Aunt Hannah & Kelly
dined with us. ~~Dr & family~~
~~left today~~ ~~sons~~

Friday Nov 27
Pleasant Burned trees
I got up the boat I built

Saturday Nov 28
Very mild arrived mother to the Depot
Henry & Charlie went today Dr & family
went yesterday went to town burned trees

Sunday Nov 30
Pleasant The month ended
Monday December 1

Barry cleared this afternoon
Aunt's lot of lawn burned trees
Tuesday Dec 2

Pleasant Burned burning trees
Got Michael shed I did some other jobs

Wednesday Dec 3
Pleasant Helped Sam build a pig
pulled stumps

Thursday Dec 4
Pleasant Pulling stumps
Friday Dec 5

Cloudy with some snow Skid
stumps Went to the river to
help A. Stand & E. Stewart
pull in a tree it went into the
river in spite of all we could do

Saturday December 6 1862

It snowed several inches during the night
I have killed all day Went to Mr Brewster's
I bought a couple of sheep for 6 dollars

Sunday Dec 7

Pleasant Broken roads

Monday Dec 8

Pleasant went to John Smith's
Sam bought a steer calf Got up 8 stumps

Tuesday Dec 9

Very cold this morning pleasant
afternoon cloudy this evening splitting
stumps cutting wood at the plains

Wednesday Dec 10

Pleasant Cutting wood at the plains
and hauling it home

Thursday Dec 11

Pleasant work as yesterday

Friday Dec 12

Very mild work as yesterday

Saturday Dec 13

Cloudy Work as yesterday

Sunday Dec 13

Misty

Monday Dec 14

Cloudy went to mill cut wood
at the door

Tuesday Dec 15

Snowy with rain cut wood at the plain

(went to town)

Wednesday Dec 16

Pleasant cut wood at the plain went
to town in the evening

Thursday Dec 17

Pleasant went to the Woods &
helped to kill Beards well cut
wood at the plains

December
Friday Dec 18 1862

Pleasant Chafed wood at
the plain Went to Brooks with
a trap to be killed

Saturday Dec 19

Very cold did not do much

Sunday Dec 20

Very cold

Monday Dec 21

Snowy. Staked wood tipped
on Gory hill pay

Tuesday Dec 22

Pleasant Getting wood from
the plains

Wednesday Dec 23

Pleasant Getting wood from
the plain Gave Sam tent
to sell Thursday Dec 25

Pleasant Getting wood from
the plain Gave Sam tent
to sell

Friday Dec 26

Pleasant Getting wood at the plain

Saturday Dec 27

Pleasant Got wood at
the plain Cut wood at the plain
went to an Esquimaux meeting

Sunday Dec 28

Pleasant

Monday Dec 29

Pleasant Cut same chestnut
tree Sold my Oxen to Mr
Scripture Saturday for \$5.00

Tuesday Dec 30

Cloudy Cut out a clearing tree
Went to Mr. M. Bought for
of 4 good sleds of J. B. Skiff 8 1/2

Wednesday December 31 1862

Cloudy with a little snow & falling
stumps. The month has been pleasant.

Thursday January 1 1863

Very pleasant Chopping wood at the door

I have raised the last year of fellows

Hay 16 tons

Straw " " 2 "

Corn fodder " " 1 "

Potatoes 12 bushels

Apples fifty dozens with

Oats 6 1/2 bushels

Barley 5 1/2 "

Beans 1 bushel

Have used for these crops about
80 loads of manure I have last season
with 10 loads more

Friday January 2

Pleasant Chopping wood at the door

Saturday Jan 3

Pleasant Chopping wood at the door

(Merrilltown) Sunday Jan 4

Pleasant

Monday Jan 5

Pleasant Chopping wood at the door
The weather for the last week has been
very mild have had no sleeping for
several weeks now it is excellent having
mosses on the ground but an occasional
bark in shady spots

Tuesday Jan 6

Pleasant had a heavy shower in the
evening Chopping wood at the door

Wednesday Jan 7

Very cold & squally cutting wood
at the door

Thursday January 4th 1865

Cold & Cloudy Chopping wood at the
door

Friday Jan 5

Cloudy Chopping wood at
the door Mother, Susan & Abbie came
in the noon train

Saturday Jan 6

Cloudy Snowing this evening
chopping wood at the door
Gathered my sheepy stens

Sunday Jan 7

Pleasant No snow on the ground

Monday Jan 8

Pleasant Killed 4 hogs

Tuesday Jan 9

Pleasant Carried 2 hogs to Mr
Whitfords 1 weighed 345 lbs the other 273 lbs
Gathering the rest of the day

Wednesday Jan 10

Snow & rain Gathering

Thursday Jan 11

Rainy all day Gathering

Friday Jan 12

Dry Boring Gathering

Saturday Jan 13

Fair & Cold Went to St. Wood auction

Sunday Jan 14

Clear & Cold

Monday Jan 15

Pleasant Chopping wood at the door

Tuesday Jan 16

Cloudy Chopping wood at the door
Carried a man to Mrs Herdys

Wednesday Jan 17

Clear & rainy this evening
chopping wood at the door sent to J. H. H.

Thursday January 22 1865

Cloudy Raining this evening
Chopping wood at the door
Went to I Hinds

Friday Jan 23
Pleasant Went to Elder Reeds
Hauled some wood from the pasture

Saturday Jan 24
Pleasant Got some wood
from the pasture & chopped some
at the door Went to town

Sunday Jan 25
Pleasant

Monday Jan 26
Very pleasant Went to Brookline
with Sam who bought Pair of Oxen

Tuesday Jan 27
Rain this morning but Sun showed
most of the day Gibbering

Wednesday Jan 28
Cloudy Chopped wood at the door
Went to the County agreed that
meeting this Day delivered an essay
after which the meeting was adjourned
by different members of the association

Thursday Jan 29
A thick snow fell during the night
Cloudy & stormy today did I cut to right
chopping wood at the door

Friday Jan 30
Pleasant & much snow fell
during the night Chopping wood at
the door

Saturday Jan 31
Pleasant Chopping wood at the door
Went to mill to town This morn has
been very dull and pleasant

Sunday February 1st 1843

Pleasant cloudy this morning
Monday Feb 2

Pleasant Went to trade gallery

Tuesday Feb 3

Cloudy & cold Commenced to
crop of Bell Cornments

Wednesday Feb 4

Very cold Thermometer 17° below

Went to Mrs Pennells

Thursday Feb 5

cold Went to Bell Cornments

Friday Feb 6

at tremendous rain

Went to Bell Cornments

Saturday Feb 7

Pleasant Went to Bell Cornments

Saturday Feb 8

Pleasant

Monday Feb 9

rain & cloudy snowing this evening

at work at Bell Cornments

Tuesday Feb 10

Pleasant Was as yesterday

Wednesday Feb 11

Pleasant at work at B Cornments

Thursday Feb 12

Snow storm Was as yesterday

Went to Mr Joyner & C. Rehaubans

Friday Feb 13

Pleasant Snow fell to the depth of
10 inches during the night

like as yesterday

Saturday Feb 14

Pleasant Went to mill with
load of logs taking the day
the day Went to town

Sunny Feb 15th 1863

Cloudy South kind snow almost
gone

Monday Feb 16

Pleasant at hub at Bill Connors
next people are up

Tuesday Feb 17

Pleasant hub as yesterday

Wednesday Feb 18

Pleasant with as yesterday

Thursday Feb 19

Bunny hub as yesterday

Friday Feb 20

Pleasant at hub at Bill Connors

Saturday Feb 21

Cold & windy hub as yesterday

Sunday Feb 22

Cold & Cloudy snow this morning

Monday Feb 23

Fair & Cold did not do much Dr
& Charles came this morn

Tuesday Feb 24

Cloudy at hub at Bill Connors
Dr left this morning

Wednesday Feb 25

Pleasant hub as yesterday

Thursday Feb 26

Pleasant at hub at Bill Connors

Friday Feb 27

Pleasant hub as yesterday

Saturday Feb 28

Pleasant - Charles went to
to day Sam sent letter to me
best to Ann to Sam Col John
George & John a sharp pack
his north New has mild but
there has been a number of sharp storms

Sunday March 1st 1863

At Snow Store

Monday March 2
Very pleasant trip to town to
see the Hon. W. H. Sargent of the
Alma a stump speech

Tuesday March 3

Morning all day went to Mrs
Bright's place to H. Powers

Wednesday March 4

Fair & cold. Went to mill
& to Daniel Foley's. Sold my
shapely Steers for \$70.00

Thursday March 5

Pleasant but cold. Went to
Went to Eaton's farm with
Mr. Baadshah bought Steer yoke

Friday March 6

Spicy - cold. Load sheep to
the depot for D. Greenwald
Went to C. Richardson's to
Bell commands

Saturday March 7

A. J. & I went to town at home
at Bell commands

Sunday March 8

Still snowing one of my
sheep a pair of horns lost today

Monday March 9

Morning - too morning but clear
Break Bread

Tuesday March 10

Pleasant. Went to town - see my
C. H. H. H. H. H.

2 selectmen I was clerk of Gov
2 selectmen & J. H. H. H. H.
Capt. M. B. H. H. H. H. H. H.

Wednesday March 11 1863

Snowing this morning but cleared
Went to town meeting

Thursday March 12

Fair & Cold did not do much

Friday March 13

Fair & Cold some of the sheep but these
have been making a gate

Saturday March 14

Pleasant Snowy all in the
evening but not so much
went to Mr Reads and to town

Sunday March 15

Pleasant

Monday March 16

Fair & Cold I then to town and
bought a 3 year old Heifer
belonging to the C. L. in state for \$30

Tuesday March 17

Pleasant made two gates

Wednesday March 18

Cold & Windy made a gate and went
to C. Richardson's

Thursday March 19

Fair & Cold Helped Mr. Richardson
cut some apple trees which I should
have

Friday March 20

Fair & Cold Went to Johnson with a load
of apple wood

Saturday March 21

Fair & Cold Went to Johnson
with a load of apple wood

Sunday March 22

Pleasant the last two weeks has
been very cold the thermometer
ranging from 18° below to 16° above zero

Monday March 23rd 1863

Pleasant Went to the plain and
got some gate posts and made them

Tuesday March 24

Cloudy Sold a pair of 3 years old
steers to W. H. Wright \$50.00
Went to Mr Sandersons auction
with Mr Head

Wednesday March 25

Misty with rain & wind considerable
thunder and lightning in the evening
Went to Ashurst and bought a pair
of 3 years old steers of Mr Wright
\$42.50

Thursday March 26

Pleasant Went to mill (Eggs)
Left his calf

Friday March 27

Pleasant did not do much

Saturday March 28

Pleasant in the morning & morning
this evening Went to E. Hinds
with a plough Went to an Engine
meeting

Sunday March 9

Cloudy

Monday March 30

Pleasant at a bridge
Went to court Hornum for father

Tuesday March 31

Cloudy Snowing this evening
at 11 am on the bluff bridge
Stone laid spring heels & well day
This month has been very cold
and strong gales & lightning most
of the time

So ends the year

Tuesday April 1st 1865

Pleasant Went to Brookline
Bought pair of Oxen of Mr
Germothy Wright

Wednesday April 2nd
Cloudy Snow in the afternoon
melted in day

Friday April 3rd
Pleasant Mined some hay

Saturday April 4th
Cloudy with some snow
Got my oxen shed and harness
bridge

Sunday April 5th
Snow & rain

Monday April 6th
Pleasant Worked on my bridge
Went for Dr Wm M. Allen

Tuesday April 7th
Snow & rain did not do much

Friday April 10th
Pleasant Went to Brookline with
Sam like Bought a yoke of oxen
mended the bridge by J Smith
The was a brilliant display of
the Aurora last night it was an
arch about 6 feet wide extending
from E to W the whole length of the
Commonwealth like the journal today Sky

Saturday April 11th
Pleasant Gable bent to in Road
and to Mr Perry I could not get to

Sunday April 12th
Pleasant

Monday April 13th
Pleasant getting out to J. F. Fennell

Tuesday April 17

Very pleasant Went to Mrs Wright
Mr Reads & to I Greenwoods
got some more blood to
the Bowman yesterday

Wednesday April 18

Pleasant Bought two pigs of Mr
Read Cauling & spreading manure

Thursday April 16

Rainy finished spreading manure
and hauled it in

Friday April 17

Rainy Went to I Greenwoods
I bought a calf for \$2.00

Saturday April 18

Cloudy with some rain
Ploughed Sam's garden
Went to the Baer farm
Have heard the frogs for
a week or so

Sunday April 19

Pleasant

Monday April 20

Misty but cleared hunting
prairie Wild Geese have
been flying for several days

Tuesday April 21

Pleasant hunting manure

Wednesday April 22

Pleasant Spreading manure
& harrowing

Thursday April 23

Pleasant Scaring cats in barn

Friday April 24

Pleasant Scaring cats in barn

Saturday April 25

Rainy Went to I Greenwoods & Mr V. E. Eng
and got all the blood of the cows we had at

Sunday April 26 1863

Cold & windy

Monday April 27

Pleasant Soaring in myself &
Barley in Sam Turned the cattle
out on the 28

Tuesday April 28

Very warm & Pleasant finished
Soaring & planted 2 bushels of potatoes
for Sam Got a calf of J. Butler
saw some hollers

Wednesday April 29

Pleasant Warm & cold morn
for Sam

Thursday April 30

Pleasant first day set a few trees

This month has been variable

the & only part. Cold & hot better than home

Brown a wise load of hay for Sam

July Nov 1 1863

Pleasant Warm morn for Sam

Friday May 2

Pleasant Warm morn for Sam

Saturday May 3

Pleasant with storm & Wind

Sunday May 4

Cloudy rainy hard this evening

Spreading manure for Sam

Sold my 11 high 2 ears for \$1.00

Sold calf to Am. Whitford who
makes that he has had of me

Tuesday May 6

Cloudy Rainy morn for Sam
Sat with H. J. O. Smith last night

Wednesday May 7

Windy with snow & rain Spreading
and spreading manure for Sam

Thursday May 8/1863

Rainy Spread some manure for
Sam Got me a hat shirt and did
some other jobs

Friday May 9/1863

Pleasant Spreading manure &
Harrowing for Sam

Saturday May 10

Pleasant Grewed the corn
furrowed the ground one way & planted
some potatoes for Sam

Went to Ashua in the evening

Sunday May 11

Pleasant

Monday May 12

Pleasant Finished planting for
Sam Went to Ball Combs

Tuesday May 13

Clear Cloudy Harrowed furrowed
& planted one piece for myself

Sam's steer went to pasture

This morning

Wednesday May 14

Cloudy with some rain got my
new shed Break up

Thursday May 14

Cloudy Break up of manure
& carting manure

Friday May 15

Cloudy Carting carting
manure

Saturday May 16

Clear with occasional squalls

Spread the manure Harrowed
it in furrowed & planted

the piece by the spring brook put in

20 ends the last 4 days have been cold

Sunday May 17 1863

C Cloudy

Monday May 18

Pleasant but cold Broke up the
Contract in the afternoon. Skinned
my own deer skin and Coned my
men knives & spread the manure on some
grass

Tuesday May 19

Pleasant Built a shed at the lower
end of the nursery

Wednesday May 20

Pleasant Caught seven more fish. Deer
hatched with H & G & Smith last night

Thursday May 21

Very hot The 8000th Hauling done

Friday May 22

Very hot The 8000th Hauling done. I got my
Cyan shed hauled down & put in
some for the can

Saturday May 23

Four cold & Wind Hauling done

Sunday May 24

Cloudy & cold attended H & G Smith's
funeral at home

Monday May 25

Cold & cloudy Hauling done &
planting beaver

Tuesday May 26

Pleasant Hauling done see house
24 loads

Wednesday May 27

Pleasant Went to the house
Saw the beaver have hauled 24 loads

Thursday May 28

Pleasant Went to the beaver
house my Police taken yesterday

Friday May 28 / 1863

Pleasant Finishing painting the
kitchen helped the woman &
set post & hung a gate

Saturday May 29

Pleasant had a few chaps of corn
Planted some tobacco getting
Went to an Engine meeting

Sunday May 31

Pleasant had a slight shower
Hare this month
has been bare & with dry
Monday June 1st 1863

Pleasant had a heavy shower
and some rain Planted corn in
high way Dug & put the man
corn in the last barn

Tuesday June 2

Very windy & cold Plowed some
garden & ploughed corn in crop

Wednesday June 3

Slept 10 hours & very cold
Went to D. Fairly

Thursday June 4

Pleasant finished one piece
of my corn & cultivated some

Friday June 5

Pleasant Plowed corn in barn

Saturday June 6

Very thick & warm finished
honey Sans Corn & they were

Went to visit Sennah's yesterday

Sunday June 7

Busy

Monday June 8

I have sent to mill

to having some rails

Tuesday June 9 1863

Moving & repairing rail road

Wednesday June 10

Pleasant & clear & warmy & calm

Thursday June 11

Pleasant & clear & still down
the barren the down farm

Thursday June 12

Hot & cloudy till towards night
when the wind changed to the N.E.
but rain & clearing June

Saturday June 13

Pleasant & clearing

Sunday June 14

Very pleasant

Monday June 15

Pleasant & clear & loads of
wood for Dr. mounted gate for
same Tuesday June 16

Harold & sons wood for Dr.
& son for the house in the
afternoon & I came

Tuesday June 17

Pleasant & clear & a piece
for Dr. & I left in the morning

Friday June 18

Moved some hay & feed & some
golden catfish & some corn
for my self & set a new gate

Friday June 19

Cloudy & heavy rain for night

Saturday June

Pleasant & clear & I got out
Went to school & a piece
& a piece has sent us some chicken

Sunday June 21

Pleasant & clear & a piece for my self

Monday June 22 1868

Clear & warm in sun

Tuesday June 23

Pleasant & much business

Wednesday June 24

Pleasant Went to Washburn
Cahoon Mrs. Stedman & Mrs.
Duncan came today

Thursday June 25

Pleasant Selling fence at the
plains Saw the Dickersons & Mr.
Grammer

Friday June 26

Pleasant Went to the Depot
Selling fence at the plains
Capt. Henry & Dr. Carrington

Saturday June 27

Pleasant Went to Capt. Ames
& to town did not do much

Sunday June 28

Pleasant

Monday June 29

Pleasant Cultivated some
potatoes & set fence at the plains
Henry left this morning

Tuesday June 30

Pleasant Gave a 2 year old
heifer to H. McPherson a free
I had sold him (cost \$3.00

James here. The fence at the plains
did some other jobs This month
has been cool & so dry

Wednesday July 1

Pleasant mowed a little grass
& did some small jobs Bought a cow

Thursday July 2

Pleasant Mowed & did some work

A fact of much interest to the farmers of northern New England is noted in the February issue of the New England Farmer, the monthly agricultural bulletin issued by the Boston & Maine railroad, to the effect that favorable conditions for the successful production of potatoes are not confined to Aroostook county, in the northern corner of Maine, but are general in other portions of that state and New Hampshire and Vermont and the upper portion of Massachusetts, particularly in Maine and New Hampshire.

It is also true that the same general methods of cultivation followed in Aroostook are advisable in the remainder of the New England area, with some modifications. For instance, the rainfall in Aroostook is much more extensive than further north, and it is generally safe to allow the potatoes to grow nearer the surface than it would be advisable in other portions. While the season is shorter further north, the periods of drought during the growing season are longer and it is therefore well to plant earlier further south. Most Aroostook growers, too, rotate every fourth year, but it would be better to sow potatoes once in five, and this, according to experts, applies as well to the known potato region.

While Aroostook is reasonably free of plentiful rainfall, it is also a fact that there is as much danger in too much rain for potatoes as there is in the regions further south of not enough. Taken all in all, the advantages enjoyed by the Aroostook growers do not commensurate, by far, for the superior marketing conditions enjoyed by farmers in other parts of New England. The best soil for potatoes should be a heavy loam, well drained. The "axed draft," which prevails all over northern New England and as far west as the Appalachian range, has proved to be excellent, and where it is underlain by broken ledges there is an additional advantage. Extensive fertilization is always necessary, and the best place for the potatoes to develop is on the higher lands, or "rises." Cleared hardwood land usually affords the best soil and drainage.

The three year rotation, as practised in Aroostook is as follows: First year, potatoes second year, grain (seeded to clover) third year, turn the second crop of clover under, and repeat the rotation.

The four year rotation generally follows these lines: First year, potatoes; second year, corn (for silage); third year, oats (seeded to clover); fourth year, clover. In the fall of the fourth year, the second crop of clover is turned under. Potatoes are planted again the fifth year. The use of clover as an adjunct to potato growing saves the purchase of so much nitrogen at 18 cents per pound in commercial fertilizer.

Much of the land on which farmers desire to grow potatoes at the present time—land which will not cut out one-half or three-fourths of a ton of poor quality hay to the acre—is unsuited for potatoes in its present condition. Such land should be plowed, harrowed thoroughly, seeded to clover, and this should afterward be turned under. Fifteen hundred to 2000 pounds of lime to the acre will be of great benefit in getting a stand of clover, but this material should be cautiously used in short rotations for potatoes. It is asserted that for a farmer to get the best results and most profit from 10 acres of potatoes he should have from 40 to 50 acres of land in the biennial rotation and not endeavor to emulate the men of Aroostook on the three-year terms. Temporary, that may pay best, but in the long run the land is likely to be overworked. The four-year period is especially recommended in new potato sections.

HINT TO POTATO GROWERS

Growers will find it very profitable to renew their seed stock frequently with potatoes grown in more different soil and different climates, but they must take great care to select that it is well grown stock which they substitute for their own. If the grower finds that his potatoes are not producing the yield they should under his conditions, he should look up some well grown and well selected stock and try a limited quantity of it to see whether there will be any increase in yield on his soil. It is suggested, however, that it would not be advisable to go to the expense of buying enough new stock for the entire crop unless it is known to be superior and experience has shown that the change is likely to be beneficial with the soil and conditions involved.—Farmers' Home Journal.

ALCOHOL FROM POTATOES.

The Department of Agriculture has been experimenting for some time on the manufacture of denatured alcohol for engine fuel. It has worked with all sorts of fruits, both sweet and Irish potatoes and sugar beets and turnips. It has been found that there is a considerable amount of alcohol in the watermelon, but the most promising crop so far tried is the sweet potato.

It is said that with the current value of the sweet potato in the Southern States it is possible to make denatured alcohol for twenty cents a gallon. This is a good deal less than denatured alcohol sells for on the market, and the outlook is said to be good for all the South Atlantic and Gulf States. It is explained, however, that there has been a greater demand for alcohol since the free alcohol bill passed and the result is that the price has gone up instead of down.

3 1863

St. Michaels

Gardens

July 5

July 6

July 7

July 8

July 9

July 10

July 11

July 12

July 13

July 14

July 15

July 16

July 17

July 18

July 19

July 20

July 21

July 22

July 23

July 24

July 25

July 26

July 27

July 28

July 29

Sunday July 19th 1863

Priming Partly clear this afternoon
Mound Gile 20
Cloudy Part cleared got in
Load of Hay

Tuesday July 21
Priming got in load of Hay

Wednesday July 22
Ceasant Hay for sarn

Thursday July 22
Pleasant Haying for sarn.

Friday July 23
Pleasant Haying for sarn

Saturday July 24th
Boomy Haying

Sunday July 25th
Thorny

Monday July 26th
Pleasant had a storm Haying

Tuesday July 27th
Pleasant went to Oldsma Haying

Wednesday July 28th
Dull Haying a little

Thursday July 30th
Dull Go to the crop fronted away

Friday July 31st
Dull Haying a little

This month has been very
wet & usually very dry weather
Saturday August 1st 1863

Dull with heavy shower in the
afternoon. Peaked a little in the
morning

Sunday Aug 2nd
Pleasant

Monday Aug 3rd
Very Hot Haying

Tuesday August 4th 1863

Pleasant Haying for same

Wednesday Aug 5

Pleasant Haying for same

Thursday Aug 6

Pleasant Haying for same

Friday Aug 7

Pleasant Haying Harvest the hay

Sun is red & hot in the hay

Cut the oats

Saturday Aug 8

Heavy Threshed a little barley

Sunday Aug 9

Pleasant Got my Oxen & horse
shod Bound my oats

Tuesday Aug 10

Heavy got in my oats

attended J C Smith's funeral

as beaver Got in my oats

Broke up the

attended J C's

Got in my oats Threshed
Barley

Wednesday Aug 11

Pleasant Broke up at 10

at 11 o'clock the funeral as

beaver Bound oats for same

Thursday Aug 12

Pleasant Got in same oats

Thursday Aug 13

Pleasant Arranged the hay
carts Put up the hay on road

tools Hauled load of corn

& Broke up

Friday Aug 14

Pleasant Broke up

J F Whistler. Can now to do

Sunday August 15th 1863

Pleasant this morning & day
to night

Monday Aug 16

Pleasant & cloudy for sun

Tuesday Aug 17 Wind to turn

Pleasant & cloudy for sun

Wednesday Aug 18 Wind to turn

Pleasant & cloudy for sun

Thursday Aug 19

Very hot & heavy shower this afternoon

Ploughing for sun has the mill

Friday Aug 20

Cloudy & heavy shower this evening

Finished sowing ploughing &

commenced to plough for myself

Saturday Aug 21

Misty this morning but cleared

Ploughing the old land to

pasture & to town this afternoon

Sunday Aug 22

Pleasant some rain has quite

settled but slight to not feel well

today

Monday Aug 23

Very this morning but cleared

finished breaking up part the

large field ready to sow

Susan P. to come to night

Tuesday Aug 24

Very hot & clear. Several eye taken

some apples have not felt very well

Wednesday Aug 25

Pleasant. Peter & sister and sister will

Thursday Aug 26

Rainy. Showed today

Thursday August 26 1865

Pleasant Peckat stone & iron ball

Friday Aug 27

Cloudy Hauler load of Wood for
Mrs Duncan Linn hall cannot
to Ashua

Saturday Aug 28

Misty but clear. Went to the
Deput for corn back for Souger
who made my exemption paper
Linn hall went to an Eng in making

Sunday Aug 29 (Sun Oct)

Pleasant This morn has been

Monday Aug 30 September 1 1865

Pleasant Linn hall & John
Apple

Tuesday Sept 2

Pleasant I did not make some
cherry wine Have been giving my
pipp green corn for some days

31 Halls boys were drafted today

Wednesday Sept 3.

Pleasant I did not I went
to Ashua.

Thursday Sept 4

I went Put in sub and did
other job

Friday Sept 5

Pleasant Threshed some oats
& Dilled Beans went to Linn
meeting later to pay draft & more
drafted men & for

Saturday Sept 6

Pleasant Had some jobs & full of beer

Sunday Sept 7

Pleasant

Monday September 7th 1863

Pleasant Pulled beans for some
stacked some beans for myself
I cut up some corn for my cattle

Tuesday Sept 8

Pleasant Ploughed for Mr
Farley went to hunt Hares
for Mr. Smith & Mr. & Mrs
& Mr. Wheeler who have been
staying with us since Saturday

Wednesday Sept 9

Cloudy Ploughed some for
Mr. F. Cut corn & did some
other jobs

Thursday Sept 10

Pleasant dug some potatoes
cut some tobacco & threshed out

Friday Sept 11

Pleasant helped David Farley
burn some new ground
had sick head-ache & Mr. & Mrs
Wheeler left to day

Saturday Sept 12

Pleasant threshed out for Mr
my beans

Sunday Sept 13

Barry went to St. Johns

Monday Sept 14

Cloudy for when I was busy
with the beans

Tuesday Sept 15

Pleasant cleaned the hen yard
& put in load of straw cut &
threshed some corn

Wednesday Sept 16

Very hot Ploughed & mowed some ground
cutting corn there is a slight frost
on the 17th

1863

Thursday September 17

^{with a fair day}
Pleasant finished cutting my
chuckers some

Friday September 18

Went out with him with some rain
helped Sam get in some stock
set in some corn for myself & husked
some and ploughed in the afternoon

Saturday Sept 19

Cloudy raining hard this evening
finished digging my potatoes
& ploughed

Sunday Sept 20

Cloudy

Monday Sept 21

Pleasant Ploughed my 2 running
my ground which I intend to plant
next year

Tuesday Sept 22

Sam & I could finish our horse work
& ploughed my other corn land
and did other jobs

Wednesday Sept 23

Pleasant had a hard frost last night
Johnny this morning picking
apple the rest of the day

Thursday Sept 24

Pleasant Picked apples &
went to town

Friday Sept 25

Cloudy raining heavily to night
went to the fair and to Mr. Keans
got in some corn & husked a little

Saturday Sept 26

Clearly husked some corn sent
to the ploughs. Skipped some horses
went to an Engine meeting Sam & I thought
a horse of my own

Sunday September 27 1863

Pleasant

Monday Sept 28

Pleasant Picking apples

Tuesday Sept 29

Pleasant Went to Harbun

Got in some corn

Wednesday Sept 30

Pleasant went to mill & to
aunt Hannahs tree

Picking apple bushes some
corn this evening This week
has been very pleasant

Thursday Oct 1 1863

Pleasant Picking apples & doing
some other jobs

Friday Oct 2

Cloudy Picked some apples did some
little jobs went to H Powers
to about Horns & mended
some fence at the plains house
for Mr Feenish I hauled a load
of board from the plains

Saturday Oct 3

Picking bushes corn & coopered
barrels

Sunday Oct 4

Pleasant

Monday Oct 5

Pleasant Picked the fruit
& apples

Tuesday Oct 6

Pleasant Picking apples &
harvesting corn

Wednesday Oct 7

Pleasant raining this evening
Finished Picking apples & corn
Some can be used for corn

Thursday October 8th 1863

Rainy Husking corn

Friday Oct 9

Pleasant Digging Potatoes
for Sam

Saturday Oct 10

Cloudy with some rain

Digging potatoes for Sam

Sunday Oct 11

Cloudy

Monday Oct 12

Pleasant Went to B Redmonds
finished digging some potatoes
helped D. Fairly kill hay &
picked an apples

Tuesday Oct 13

Pleasant Picked over apples

Wednesday Oct 14

Pleasant finished husking
corn had 102 Bushels finished
picking over apples & helped
Sam get in some corn

Thursday Oct 15

Pleasant Digging apples ready

Went to his fields & to mill

Friday Oct 16

Cloudy Carried my apples to the
Saw. Helped Sam finish
getting in his corn husked
some Saw a flock of wild geese

Saturday Oct 17

Pleasant had a heavy rain
last night. Husking m's and
husking corn

Sunday Oct 18

Pleasant

Monday October 19th 1863

Cloudy Had a Snow
Hoofed some horses got loose
of food from S. J. Jett and
carried my old apple to Mr. Francis
Tuesday Oct 20

Pleasant Got some grain into
my pig pen & Ploughed ^{part of} the ground
Wednesday Oct 21

Pleasant Could hear to
P. by 1st m. from S. J. Jett
Patched Stone & Ploughed the ground
Thursday Oct 22

Pleasant Ploughed the ground
Went to Mr. Griffins Farmer
has been for some last night
Friday Oct 23

Pleasant Went to mill
& Ploughed the ground
Saturday Oct 24

Cloudy with some rain
Got my deer home
& carried it to the S. J. Jett
Sunday Oct 25
Monday Oct 26

Clear & cold Ploughed the
ground

Tuesday Oct 27

Clear & cold berries gathering

Wednesday Oct 28

Clear & cold Finished ploughing
stock ground manured and
ploughed my garden & got in
about 100 bushels corn

Thursday Oct 29

Pleasant Ploughing for aunt
Hannah brother sent cattle to me

Friday October 30 1863

Cloudy Ploughed for corn - H.
& moved some straw for myself

Saturday Oct 31

Cloudy with some rain
Got 1 mackerel & had set out
some apple trees Went to an
Engine meeting

This month has been cool
but pleasant not enough

Sunday November 1 1863

Pleasant

Monday Nov 2

Pleasant here - H. & I
did some jobs together for the

Tuesday Nov 3

Pleasant Ploughing for
entry husked for B. & C. & D.

Wednesday Nov 4

Pleasant Went to Luther
Proctor's & helped cherry
some staves for the purpose of
want to pull out all the

Thursday Nov 5

Variable weather with gusts of rain
Settling out & dressing trees
have set out the fruit by the house
with trees this year Mr. & Mrs. Jones
came to night

Friday Nov 6

Weather variable with squalls of rain
Dressing trees

Saturday Nov 7

Cloudy Ploughing for Harry Jones

Sunday Nov 8

Cloudy with some rain
Put all the cattle up for the first time

Monday. November 9 1863

Cloudy. Selected and graded
a lot in the new meeting for Sam.
Trimmed trees

Tuesday Nov 10

Cloudy with squalls of snow
Fellinging

Wednesday Nov 11

Cold & Cloudy went to Ashmun
Trimmed trees & helped B.
Keddy clean up oats for Sam

Thursday Nov 12

Mild & Cloudy Trimmed
trees & helped Ben. went to town

Friday Nov 13

Cloudy went to mill. Trimmed
trees. Cleaned oats & did other jobs

Saturday Nov 14

Windy. Threshed & reaped did a few
jobs. Went for the paper Mrs. Moore
who is sick

Sunday Nov 15

Very heavy rain

Monday Nov 16

Cloudy Trimmed trees
and went to Ashmun

Tuesday Nov 17

Very rainy. Fellinging went to Mr.
Reads

Wednesday Nov 18

C. Cloudy went to plow & for an out
Harrow but found the ground
so wet that went to bill Centant in
the afternoon and put in a
shaft to my wagon

Thursday Nov 18

Pleasant Fellinging

Friday November 20 1863

Pleasant and very mild. Picked up
for and Hannat. Chopped wood.
In the noon I left in the
evening train.

Saturday Nov 21

Pleasant in the morning but
came on to rain. In P.M. I
left in the early train.

Finished chopping wood and
burnt brush. I did some jobs
went to the depot & to Mr. Boudet
with a lamb.

Sunday Nov 22

Pleasant

Sunday Nov 23

Pleasant. Cutting wood &
burning brush.

Tuesday Nov 24

Went to mill. Cut a tree. I did some
other jobs. Cloudy with a heavy rain
in the afternoon and evening.

Wednesday Nov 25

Pleasant. Cutting wood.

Thursday Nov 26

Pleasant. Chopped wood &
burnt brush. Went to the plains.

Friday Nov 27

Pleasant. Went to mill & got
some timber. Sued for a horse
rake. Cut some wood.

Saturday Nov 28

Very clear this evening.
Cut some wood and burnt brush. I got
some learn. Went to an engine over my

Sunday November 28 1863

Pleasant
Monday Dec 1

Carl Hauled some more
Went to B. T. Sawyer's out to town
meeting This month has been very hot

Tuesday December 2

Cold & windy Put up some more
Cut a tree in the pasture halfed
Mr French some more timber

Wednesday Dec 3

Cold & Squally Hauled some
wood helped Mr French &
set some other traps went to Mr Bandlett

Thursday Dec 4

Pleasant Cutting wood at the
Plains Horses turned the cattle
into the field this month

Friday Dec 5

Pleasant Cutting wood at the
Plains Slept in French a little

Saturday Dec 6

Pleasant Helped Mr French
thrust in Cattle at the Plains
this afternoon

Sunday Dec 7

Clear & Cold

Monday Dec 8

Clear & Cold Cutting wood
at the Plains H. G. French has
been here half a usual day

Tuesday Dec 9

Very Pleasant Went to Grinsdale
to look at some cattle

Wednesday Dec 10

Rain in the morning but Clear
Went to S. M. French's Put. Chub & Mr

Thursday December 11 1863

Very cold Therm from 10° to 15° below
Zero in pan hogs

Friday Dec 11

Went to Mr. Whitcomb's store
with the hogs I had sold him for \$5.
Went to S. Morrison's

Saturday Dec 12

Two or three inches of snow have
fallen during the night & day raining
this evening. Going out to R. H.
Loring's

Sunday Dec 13

Barny

Monday Dec 14

Jan & Henry Chaffet worked at
the door Barny

Tuesday Dec 15

Pleasant Chopped wood at the door
Went to the Depot & to town

Wednesday Dec 16

Pleasant Cutting wood at the flume

Thursday Dec 17

Cloudy Snow this afternoon
Cut wood at the flume this at Mr.

Friday Dec 18

Rainy

Saturday Dec 19

Pleasant Have not felt well
there is snow enough pushing
Went to town & to Bill Carrants

Sunday Dec 20

Clear & cold

Monday Dec 21

Clear & cold Cut wood at
the flume in the afternoon

Tuesday December 22 1863

Clear & Cold Cutting wood at
the plains

Wednesday Dec 23
Clear & Cold Cutting wood
at the plains

Thursday Dec 24
Cold & Cloudy Went to
South Ansonville

Friday Dec 25
Clear & mild very pleasant
& cutting wood at the plains

Saturday Dec 26
Very Pleasant Chopping wood
at the plains Only one come to city

Sunday Dec 27
Pleasant

Monday Dec 28
Cloudy with snow in the afternoon
Hauled two loads wood west
to the Depot Chopped wood at the farm

Tuesday Dec 29
Snowy this forenoon very pleasant
this afternoon clearing wood at
the door this morning hauling
wood from the plains the rest
of the day

Wednesday Dec 30
Clear & Hauling wood from the plains

Thursday Dec 31
Heavy cutting & hauling wood
from the plains ^{hauled my horse} this morning

Friday January 1 1864
Range moved during the night
killed some sheep & goats

Saturday Jan 2
Fam & Grey cart went to Bell Crossroads

Sunday January 3/1862

Fair & Day Cold

Monday January 4
Pleasant Cutting wood at the door
Went to town in the evening

Tuesday Jan 5

Snowy But melted & hot

Wednesday Jan 6

Pleasant Cutting wood at the door

Thursday Jan 7

Pleasant Cutting wood at the door

Friday Jan 8

Cloudy Cutting wood at the door
Sold my chicken to Mr Brown
of Milver for \$12.00

Saturday Jan 9

Pleasant Cutting wood at the door
Went to the mill with my oxen

Sunday Jan 10

Pleasant

Monday Jan 11

Pleasant Went to Bill Conners
and to Bepprell

Tuesday Jan 12

Pleasant Cutting wood at the door

Wednesday Jan 13

Pleasant Pleasant Cutting
wood at the door Went to D

Forleys Last night I sold
him \$70.00 what Sam owes him

Thursday Jan 14

Pleasant Went to Duns table
cut wood at the door

Friday Jan 15

Cloudy Well Sam & Bert went
to Grinchas Cut wood at the door

Saturday Jan 16
Pleasant Cutting wood at the door

Sunday January 18th 64

Pleasant Sat with Mr
Daniel Shedd last night

Monday Jan 19

Cloudy Went to Milford

Tuesday January 20

Very foggy

Wednesday Jan 21

Cold & Cloudy but went out the door

Thursday Jan 22

Very pleasant Chipping wood
at the door

Friday Jan 23

Very pleasant Chipping wood
at the door

Saturday Jan 24

Cloudy Chipping wood at the door
Went to O P Eastmans to town
& to Bill Cornwells

Sunday Jan 25

Pleasant

Monday Jan 26

Pleasant Went to O P Eastmans
attended the funeral of J M Don
with the bereavement company who did erect

Tuesday Jan 27

Relay

Pleasant Chipping wood at the door
Went to town

Wednesday Jan 28

Pleasant Chipping wood at the door

Thursday Jan 29

Cloudy but cleared Chipping
wood at the door Went to see Rivers
and to E Bidwells

Friday Jan 30

Pleasant Went to see
O P Eastmans Chipping

Saturday January 30 1864

Went to Mt. Auburn at Bill Combs
This month has been
rather stormy but not very cold
Sunday Jan 31

Breezy

Sunday February 1 1864

Snow cleared in the afternoon

Monday Feb 2

Cloudy. Helped Sam drive
a steer to Mr. Brooks went
to Capt. Wrights house the
rest of the day at Bill Combs

Tuesday Feb 3

A heavy snow storm at dusk
at Bill Combs

Wednesday Feb 4

Cloudy at dusk at Bill Combs
Went to Luther Lawrence

Thursday Feb 5

Pleasant. Felling sheep
got checked to death in his
stall last night.

Friday Feb 6

Bleak but clear. Felling
this forenoon at dusk at Bill
Combs this afternoon

It has snowed instead of
freezing that the put the snow

Saturday Feb 6

Cloudy. Felling. Got load wood
& cut it up.

Sunday Feb 7

Pleasant

Monday Feb 8

Pleasant at dusk at B. Combs

Thursday February 9 1864

Pleasant At Work at B Comants
Wednesday Feb 10

Clean & Cold Went to Church

Thursday Feb 11

Very Cold At Work at B Comants

Friday Feb 12

Pleasant At Work at B Comants

Have used the last of my emmerseed

Saturday Feb 13

Pleasant Went to Grates

With Sam to get a pair of Oxen

Sunday Feb 14

Cloudy

Monday Feb 15

Pleasant At Work at B Comants

Tuesday Feb 16

Cloudy with snow in the afternoon

Got Coal hauled from the plains

Went to town in the evening

Wednesday Feb 17

Very Cold & Windy Have not
done much

Thursday Feb 18

Very Cold Went to a Sheriff

Speech delivered by Mr Crayin

Friday Feb 19

Pleasant Cutting & hauling
wood from the plains

Saturday Feb 20

Pleasant - Work as yesterday

Sunday Feb 21

Pleasant Heard the Organ
which was put in the church
last week

Monday Feb 22

Pleasant At Work at B Comants

Monday February 22 1867

Went to a Stump Speech
delivered by Saml. Johnson

Tuesday Feb 23

Pleasant weather as yesterday

Wednesday Feb 24

Cloudy with some rain

At work at Bell's corns

Went to town

Thursday Feb 25

Pleasant weather as yesterday

Friday Feb 26

Snowed a little but cleared

Was as yesterday

Saturday Feb 27

Pleasant weather as yesterday

~~At~~ Sunday Feb 28

Cloudy

Monday Feb 29

Pleasant at work at Bell
Corns - This month
has most of the time mild
and cloudy but the snow has
some severe weather

Tuesday March 1 1867

Cloudy snowing this evening
and as yesterday

Wednesday March 2

Pleasant at work at Bell's corns

Thursday March 3

Snowed enough for sleighs to be out
and as yesterday

Friday March 4

Pleasant at work at Bell's corns

Saturday March 5

Cloudy weather as yesterday

Sunday March 5
mostly with rain

Monday March: 7 1884

Raining came hard all last night causing a good deal of damage to the roads went to town

Tuesday March 8
Pleasant went to town meeting
Officers called here Wm. C. Fra
Chas. Bailey & O. J. Eastman
Select men Deuben T. Adams
Representative to General Court

Wednesday March 9
Pleasant went to Bull Run
Telling

Thursday March 10
Pleasant went to H. Rows
and some job cutting wood
at the place this afternoon

Friday March 11
Raining falling spring
Buck and have here Sunday

Saturday March 12
Pleasant cutting wood at
the place and a long time
and cut it

Sunday March 13
Cloudy rainy this evening
one of my sheep had twins
last night

Monday March 14
Fair & cold Got load wood &
cut it went to hall with logs

Tuesday March 15
Fair & cold Went to Derry
with Chas. Beemels

Wednesday March 16
Cold & cloudy went to the house

Thursday March 17/84

Pleasant but cool made a
stone drag. Two Corns Curne
yesterday & one today

Friday March 18

Pleasant - at harbor cut & put
Saturday March 19

Pleasant - finished the fire and
put in. This week has been very cold

Sunday March 20

Fair & cold

Monday March 21

Fair and cold at work on a roller frame

Tuesday March 22

Very cold and windy at work
yesterday

Wednesday March 23

Cold & windy. Went to see friends
made a narrow. One of Sam's
Oven popped his water the first
time for five days

Thursday March 24

Cold and windy. Went to the
Powers at work on a horse rake

Friday March 25

Mild, at harbor on a horse rake

Saturday March 26

Cloudy and as yesterday

Went to an Engine meeting

Sunday March 27

Mild & pleasant

Monday March 28

Pleasant - finished

the horse rake and

commenced to get out
Jasper & two

Tuesday March 29 1864

Cloudy Melting Stars

Wednesday March 30

Shaw rain and hail

Thurs day March 31

Weather as yesterday snow evening
for sleighing

This month has been
Cold and rough
So ends this year

Friday April 1 1864

Stormy - Stormy Status

Saturday April 2

Stormy - Stormy

Sunday April 3

Clearing Wind &

Monday April 4

Pleasant Went to mill

Cut wood at the place

Tuesday April 5

Clearing. Hauled & chopped
wood put my steers in a
cart for the first time

Wednesday April 6

Pleasant - went to G. Felt's
and to the Richardsons
and got milk and butter

Thursday April 7

Fast day Pleasant

Friday April 8

Pleasant Went to J. H.
Shipleys got a lamb of wood
and cut it

Saturday April 9

Pleasant Went to
Burns auction
The land has been cut
for the last three weeks
my fine year old heifer
dropt her calf

Sunday April 10

Cold & snow storm

Monday April 11

Still snowing

Tuesday April 12

Clearing with some snow
Falling

Wednesday April 13 1864

Cloudy with some snow
falling. Went to Powers
there was from 15 in to 2 feet
of snow fallen since Sunday

Thursday April 14
Pleasant Wind Went for
first time for 3 weeks
Went mother to visit Homer
did not do much

Friday April 15
Pleasant went to mill and
Mrs Grencher there
and to Ben Perkins & to Cherry
some of my corn for seed
Barn the Elm tree in
front of the house

Saturday April 16
Pleasant mending fence
Sunday April 17
Pleasant

Monday April 18
Pleasant Ploughing
& harrow mowing

Tuesday April 19
Pleasant Hauling manure &
Ploughing

Wednesday April 20
Cloudy with squalls of snow
and rain. Harrowed for corn
in the forenoon. Finally the rest
of the day

Thursday April 21
Pleasant - Sowing for corn
& harrow for myself

Friday April 22
Very much sunny & windy

Saturday April 23

Cloudy with some rain. Harrowing
certain manure and ploughing

Sunday April 24

Cloudy

Monday April 25

Cloudy with some rain. Hunted
scurvy. Hauled manure

Tuesday April 26

Windy. Went to R. C. Long's
Hauled manure

Wednesday April 27

Cloudy. Cleared in the evening
Hauled manure. Went to
C. Long's

Thursday April 28

Rainy but cleared. Went to
Hales mill for a load of wood
& to C. Long's

Friday April 29

Pleasant. Spent some manure
& ploughed it in. Went to mill

Saturday April 30

Pleasant. Straining for rain
& cutting manure. Went to
an Engine meeting.
This month has been a very
disagreeable one a great deal
of stormy weather.

Sunday May 1

Rainy

Monday May 2

Pleasant. Harrowing manure
for some ground and the cattle
to grass me. The cotton. Hoped
drop their calf.

Thursday May 3 1864

Rainy Sleaped some manure
in the yard Planted manure
for Sam in the afternoon

Wednesday May 4
Clear and cool Sleaking manure
for Sam and spread some

Thursday May 5
Pleasant Sleaking spreading
manure and plowing ring it in

Friday May 6
Very hot Sleaked manure
Broke up and rolled a pile

Saturday May 7
Cloudy & wind Went to see
Whitfords with a cow and to
Askua Bought for Sam

Sunday May 8
Cloudy but cleared

Monday May 9
Pleasant Planted corn for
my self

Tuesday May 10
Busy but cleared Planting corn
Said Coll to Whitford for Sam

Wednesday May 11
Cloudy Planting for Sam

Thursday May 12
Busy & Cloudy
Planting for Sam Went to
Whitfords for a dog

Friday May 13
Weather as yet but my horse had
some feed and got one ready
to hunt for myself

Saturday May 14
Weather as yesterday Planting corn

Sunday May 15 1864

Danny

Monday May 16

Rainy Got home sleep in the byssen
Broke up a little

Tuesday May 17

Misty but Clear Finished
planting the pines by the brook

Wednesday May 18

Pleasant Finished planting

Thursday May 19

Pleasant Hauling loam

Friday May 20

Pleasant Worked for O P Eastman

Saturday May 21

Pleasant Worked for O P Eastman

Had some thunder

Sunday May 22

Pleasant

Monday May 23

Pleasant Went to Mr Reeds

Planted Beans Worked for
O P Eastman

Tuesday May 24

Clear Hauled loam

Wednesday May 25

Cleary Hauled loam

Hundred crows nests

Thursday May 26

Cleary with rain in the

afternoon Hauled loam

Friday May 27

Busy with some rain

Hauled loam and did some
other jobs the crows have troubled
the Bailey)

Saturday May 28 1864

Pleasant Should leave
Went to an Engine meeting
Sunday May 29
Pleasant

Monday May 30
Pleasant When in hay barn
Tuesday May 31

Pleasant Gathering
~~After~~ This has been
cool and wet

Wednesday June 1 1864
Pleasant Gabb. I went to
Bill Comman's

Thursday June 2
Bunny this morning but cleared
Sheep & pig sheep I washed ^{the} back
Friday June 3
Pleasant Gathering went to town
last night

Saturday June 4
Pleasant Gathering

Sunday June 5
Pleasant

Monday June 6
Pleasant Home in the afternoon
Horny crop set out some tobacco
Tuesday June 7

Pleasant Steady for some

Wednesday June 8
Pleasant Steady for some

Thursday June 9
Bunny Gathering

Friday June 9
Horny for some

Saturday June 10
Pleasant Steady. Went to town
Meeting near to bridge where creek

.. Sunday June 12 1864

under Coal Wharf and three posts
in low lands. Finished flooring
Went to D Blevins & Mrs Smith
for some brick

Monday June 13

Pleasant Went Longway & for
my horse rake and to Dials for some
beeb

Tuesday June 14

Pleasant - Gobbling

Thursday June 15 -

Gobbling

Friday June 16

Hauling stuff in the yard
and sold a shirt under drain

Saturday June 17

Pleasant Hauling down & mending
Cutter

Sunday June 18

Pleasant

Monday June 19

Pleasant - Hauling

Tuesday June 20

Pleasant - Hauling for some

Wednesday June 21

Thursday

Pleasant - Hauling for some

Friday June 22

Pleasant - Hauling for some

Saturday June 23

Pleasant - Hauling

Sunday June 24

My Hat - Went to Washburn

a bit to a engine mending

Monday June 25

Pleasant

Monday June 27 1864

Pleasant Haying

Tuesday June 28

Pleasant Haying (Chelica)

Wednesday June 29

Pleasant Haying (Guernsey)

Thursday June 30

Pleasant Mowing in same

but in some places

Friday July 1 1864

Busy Went to haying

Saturday July 2

Rain Went to the Prayers

Shed some crops

Sunday July 3

Cloudy

Monday July 4

Pleasant Haying in same

Tuesday July 5

Pleasant Haying in same

Wednesday July 6

Pleasant Haying

Thursday July 7

Some rain mowed a little

Friday July 8

Pleasant Haying

Saturday July 9

Pleasant Haying Cut some

corner piece yesterday and got
it in today (Chelica)

Sunday July 10

Pleasant

Monday July 11

Cloudy with a little rain clear
in the afternoon got in two more of ~~the~~

Tuesday July 12 (Chelica)

Pleasant Haying in same

Thursday July 13/67

Pleasant Haying for Sam

Thursday July 14

Pleasant Haying for Sam

Friday July 15

Pleasant Haying for Sam

Carved water to the heads yesterday
and to this height to day

Saturday July 16

Pleasant Haying for Sam

Sunday July 17

Pleasant

Monday July 18

Pleasant Haying

Tuesday July 19

Pleasant Haying

Wednesday July 20

Pleasant Finished Haying
and mowed my barley & wheat & clover

Thursday July 21

Pleasant Haying for Sam
got the eye

Friday July 22

Pleasant Finished Sam's Haying
and got in the barley

Saturday July 23

Pleasant Threshing barley

Sunday July 24

Pleasant - I & Mrs

Moses left Friday

Monday July 25

Clear & rainy in the afternoon

Threshed barley & sent to the mill

I & Mrs From came today

Tuesday July 26

Pleasant Finished the barley
and stored it & sent to each field

Wednesday July 27 1864

Pleasant Hauling Cabs Went to D & W. where
Thursday July 28

Pleasant Hauling Cabs for Sam
Friday July 29

Pleasant Hauling Cabs for Sam
Saturday July 30

Pleasant Went to Mill D & W. where
two Wreck in my Run

Sunday July 31
Pleasant Went to D & W. where
to C. Taylor's the month has been fair
and August Pleasant

Monday Aug 1 1864
Pleasant Hauling Cabs in my Cabs
and Wrecked some Sam's Cabs lost &
Tuesday Aug 2 (two who came
Barry Haul. but been well

Wednesday Aug 3

Barry Hauling Cabs
Thursday Aug 4

After Barry Cleared up my Cabs
and did other jobs

Friday Aug 5
Pleasant Went to town did some
little jobs Hauled some mud.

Saturday Aug 6
Pleasant Haul all night Shower
Hauling manure Went to town

Sunday Aug 7
Pleasant

Monday Aug 8
Pleasant Hauling manure & coarse
Tuesday Aug 9

Hauling manure

Wednesday Aug 10
Pleasant Went to town did some
little jobs Hauling manure

Thursday August 11 1867

Pleasant - Turning tree went to
aunt Hannah's tree

Friday Aug 12

Pleasant - Splitting Stumps

Saturday Aug 13

Pleasant - Went to Church

Splitting Stumps

Sunday Aug 14

Pleasant - Had shower in night

Monday Aug 15

Pleasant - Splitting Stumps

Tuesday Aug 16

Pleasant - Splitting Stumps

Wednesday Aug 17

Pleasant - Rainy did not do much

Thursday Aug 18

Pleasant - Ploughed up field

Split Stumps

Friday Aug 19

Pleasant - Splitting Stumps

Saturday Aug 20

Went Stumps West to R. G.
Sawyers & got 100 lbs sharp
butcher beans

Sunday Aug 21

Pleasant

Monday Aug 22

Rainy - Ploughed same land

Shoeked some 24

Tuesday Aug 23

Pleasant - Hauled Dues and
pulled beans

Wednesday Aug 24

Pleasant - Worked 40 acres

Went to Bell's and

me - saw 100 lbs for 100

Thurs, August 25 1864

Pleasant Building chimney
Friday Aug 26

Pleasant Building chimney
Saturday Aug 27

Showery Building chimney
Went to an Engine meeting

Sunday Aug 28
Pleasant

Monday Aug 29
Pleasant Worked on the chimney

Tuesday Aug 30
Pleasant Felt ditch in the
swamp

Wednesday Aug 31
Pleasant Went to mill

Got in my beans and did other things
~~Thursday Sept 1~~

This month has been hot & dry
Thursday September 1 1864

Pleasant This has some beans
After Mr Bean has sent him to
D W Lewis cut some stalks

Friday Sept 2
Pleasant Threshing beans
cut some stalks

Saturday Sept 3
Pleasant Breaking up cut & Bean
helped me with his men

Sunday Sept 4
Cloudy

Monday Sept 5
Pleasant Cloudy with some
rain Worked on the ploughed
land

Tuesday Sept 6
Pleasant Cut some tobacco Went

Tuesday September 6 1867

Went to Bill Commins cut
some stoeys

Wednesday Sept 7

Pleasant Worked on some apple
trees finished the undraining
of the house. Pleasant heard catbirds

Thursday Sept 8

Pleasant Had a slight frost
cut some potatoes selected my
seed corn picked some apples

Friday Sept 9

Cloudy. Went to Washburns
a store cut up corn & shucked it

Saturday Sept 10

Went to Graton Junction in Pears
went with me went to town

Sunday Sept 11

Cloudy with rain

Monday Sept 12

Windy falling

Tuesday Sept 13

Misty. Worked putting up
my ship. Went to Bill Commins

Wednesday Sept 14

Pleasant Went to town

Cutting corn & shucking it

Thursday Sept 15

Pleasant Mowed in the afternoon

Cutting corn Capt Henry Campbell

Friday Sept 16

Pleasant did not do much

Went to town I to Charles Beckwithsons

John Eliza and Anne Worcester

and to night

Saturday Sept 17

Pleasant Laid up after 24 H. left to my

Sunday September 18/864

Cloudy

Monday Sept 19

Bunny & cleared Pickering apples

Tuesday Sept 20

Pleasant Pickering apples went to
Charles Beckman & Co yesterday

Wednesday Sept 21

Went to Dept's Pickering apples
for a day

Thursday Sept 22

Cloudy. Went to Charles Pickering
apples for a day

Friday Sept 23

Cloudy Pickering apples went to
Mrs. Lipp & Co. town

Saturday Sept 24

Cloudy with some rain
Pickering apples went to town
at 10 AM. Ex. came today

Sunday Sept 25

Cold and windy

continued to keep house. Thursday 22

Monday Sept 26

Pleasant Harvesting

Tuesday Sept 27

Pleasant Harvesting

Wednesday Sept 28

Cloudy with some rain

Went to town Harvesting corn

Thursday Sept 29

Pleasant Harvesting

Thursday Sept 29

Cloudy with rain. Went to town
Harvesting corn

Friday Sept 30

Bunny. Harvesting this month has been
pleasant but very dry

Wednesday October 1864

Pleasant Harvesting

Monday Oct 2

Funny

Tuesday Oct 3

Cloudy Harvesting went to Ashpac
to carry Capt Perry who left for Boston

Wednesday Oct 4 Pleasant
Harvesting

Thursday Oct 5

Pleasant Harvesting finished
picking apples

Friday Oct 6

Cloudy Harvesting

Saturday Oct 7

Pleasant Shower last night
Went to Ashpac & Harvesting

Sunday Oct 8

Pleasant Shower this morning
Went to B. & L. Lurvey & to Mr. Warden's
Harvesting

Monday Oct 9

Pleasant at end

Tuesday Oct 10

Pleasant Harvesting

Wednesday Oct 11

Pleasant finished drying Potatoes
Helped Sam finish picking apples
Mr. J. W. W. to come today

Thursday Oct 12

Cloudy picking chestnuts

Friday Oct 13

Very warm & sun Harvesting
Went to Mr. Pease

Saturday Oct 14

Cloudy Went to Mr. Grenier's
to see some corn & pick some apples

Saturday October 15/1867

Windy with some rain
finished husking corn
carried cider off to mill

Sunday Oct 16
Cold & Windy with rain

Monday Oct 17
Cold & Windy Day potatoes for Sam
went to French for some cider
went down store

Tuesday Oct 18
Cold & Windy Digging potatoes
for Sam

Wednesday Oct 19
Walk as yesterday. Finished
digging Sam's potatoes. Got home
some cider. Helped Mr French
bore some holes for a cedar press

Thursday Oct 20
Cold & Windy Went to Boston
picked chestnuts

Friday Oct 21
Pleasant. Work as yesterday & dinner

Saturday Oct 22
Pleasant. Picked chestnuts, took to
mill & to the depot. Supper some
more. Geese came from J. G. Ford
Friday

Sunday Oct 23
Pleasant

Monday Oct 24
Pleasant. Cleared house
Went to a Republican Stamp & pack

Tuesday Oct 25
Pleasant. Supper Sam
Wednesday Oct 26
Pleasant. Cleared house some more
to my

Thursday October 27 1864

Cloudy Went to Messrs Kabburn & Richardson
Helped Sam finish getting in his corn
& picked some apples

Friday Oct 28

Bunny hard all day Picked over my apples
Saturday Oct 29

Pleasant Hauled stumps went to
Mr Pease & to an Engine meeting

Sunday Oct 30

Pleasant

Monday Oct 31

Cold & cloudy Got up some stumps
Cut up some wood this morn. has
been cold & disagreeable

Tuesday November 1 1864

Fair & cold Got a load of wood &
cut it Went to Aunt Hannahs house
Wednesday November 2

Pleasant Went to mill and got load
of wood & cut it

Thursday Oct 3

Pleasant Picked stone

Friday November 4

Rained very heavily all day jolting

Saturday Oct 5

Very cold & windy Picked stone went to Hinds
got load corn went to hear Mrs Foster &
marion address the Anniversary of Miller

Sunday Oct 6

Pleasant

Monday Oct 7

Cloudy Went to Hinds Picked stone

Tuesday Oct 8

Bristy Picked stone transposed to garden
& plowed in

Wednesday November 11th 1864

Rainy Hauled manure & ploughed it in

Thursday Nov 11

Rainy Hauled some beans packed Stone

Friday Nov 12

Pleasant Went to C B Richardsons

& to J Frenches did some jobs

Saturday Nov 13

Clear in the morning Rainy in the evening
Chopping wood

Sunday Nov 14

Rain & Snow

Monday Nov 15

calm & cloudy went to that I to Frenches
John & I left to day kept the cattle
in the yard

Tuesday Nov 16

Pleasant in the morning Snowing the P.M.
Chopping wood

Wednesday Nov 17

Pleasant Went to Ashua

Thursday Nov 18

Pleasant this morning Rainy this P.M.
Hauling wood on a sled 2 inches of snow on
the ground have seen several sheep

The receipts of the farm this year have been
as follows

Hay	15 tons
Straw	1 ton
Potatoes	25 bushels
Apples	6400 worth
Cider	24 " "
Chestnuts	14 " "
Beans	5 bushels
Hay Oats	26 " "
Barley	30 " "
Rye	9 " "

Have used 60 loads manure

Friday November 18th 1864

Pleasant - Got a load of wood & cut it up

Saturday Nov 20th 19

Pleasant Went to town to Mr Poole & Mr Pierce
Mr Deas & J. Jewett's Chopped wood

Sunday Nov 21

Cloudy

Monday Nov 21

Rainy Chopping wood in the shed

Tuesday Nov 22

Pleasant Got up some wood Hauled some lumber

Wednesday Nov 23

Cold & windy Chopping wood Went to J. Jewett's

Thursday Nov 24

Pleasant Thanksgiving Day Nobody
to dine but Sam

Friday Nov 25

Pleasant Chopping wood

Saturday Nov 26

Pleasant Chopping wood Went to
town to an Engine Meeting

Sunday Nov 27

Cloudy Went to Mr Wright's bought
a horse

Monday Nov 28

Frosty Went to William Wright's &
bought a horse

Tuesday Nov 29

Pleasant Went to mill & town did some
little jobs

Wednesday Nov 30

Pleasant Went to Washington to Mr Chap

Went to Mr. Wright's this month has been cold
& hot

Thursday Dec 1

Windy Went to Belvidere carried
8,000 of the Gaillard banks

Friday December 2nd 1867

Pleasant Went to Concord N.H.
Saturday Dec 3

Windy Went to Mrs Wrights

Sunday Dec 4
Cloudy

Monday Dec 5

Pleasant Went to Towns end Paul a note of
Q 8, 7, 3 to the Bank

Tuesday Dec 6

Pleasant Cutting wood

Wednesday Dec 7

Pleasant Cutting hauling wood

Thursday Dec 8

Pleasant Hauling wood for Sam Hauler
Load day to Mr Colburn

Friday Dec 9

Pleasant Hauled wood I helped sell to Coors
at Mr Reaps

Saturday Dec 10

Heavy Snow Storm Jobbing

Sunday Dec 11

Still Snowing

Monday Dec 12

Cold & Windy Hauled wood

Tuesday Dec 13

Still cold Chopping W. Wright left a horse shoe

Wednesday Dec 14

Cloudy Snowed a little last night jobbing

Thursday Dec 15

Cold & Cloudy Went to Washburn

Friday Dec 16

Snowing Went to Braintree Town
in Boxbury Found him very sick

Saturday Dec 17

Windy Went to Boston Fair

Dr Sanks Rapidly & ~~repaired~~ at N.Y. ^{also} Thursday

Sunday December 18/56 7

Pleasant Still at Boykney

Monday Dec 19

Ht Mary Went to Salem & returned

Tuesday Dec 20

Cold & windy Attended Dr. funeral
He was buried at Salem

Wednesday Dec 21

Snow storm returned from Salem
to Hollis

Thursday Dec 22

Cold & Windy Chopping wood at the door

Friday Dec 23

Pleasant but very Cold Chopping wood at
the door

Saturday Dec 24

Pleasant Chopping wood at the door

Sunday Dec 25

Pleasant

Monday Dec 26

Frosty Chopping at the door

Tuesday Dec 27

Windy Chopping wood at the door

Wednesday Dec 28

Windy Felled 3 trees

Thursday Dec 29

Windy Windy & cloudy this evening

Taking care of my job

Friday Dec 30

Pleasant At work in the house went to D. G. C. C.

Saturday Dec 31

Increasing Chopping wood at the door

This month has been stormy

Sunday January 1/56 5

Cloudy till forenoon clear this evening

Monday January 2 1865

Pleasant Went to town Car an
oil met tree

Tuesday Jan 3

Pleasant Cutting and getting wood

Wednesday Jan 4

Snow storm but a gentle day

Thursday Jan 5

Pleasant getting wood

Friday Jan 6

Pleasant getting wood

Saturday Jan 7

Barnet told about where it commenced
to snow & blow furiously getting

Sunday Jan 8

Pleasant but cold

Monday Jan 9

Pleasant getting wood sold 2 Suspis
to W. Wright for \$2.50

Tuesday Jan 10

Rainy Cutting wood went to the beach

Wednesday Jan 11

Pleasant Cutting wood at the Plains

Thursday Jan 12

Pleasant went to Stratton's auction
bought a horse of W. Wheeler for \$2.90

Friday Jan 13

Pleasant getting wood bought horse of W.
Wright for \$2.50

Saturday Jan 14

Snowing Went to Wright with J. Paul
went to ride with my white horse

Sunday Jan 15

Cold snow blowing

Monday Jan 16

Cold & heavy Chopping getting

Tuesday January 17 1865

Cold set out on my work sold house
to E. Dooly

Wednesday Jan 18

Cold set out on the work

Thursday Jan 19

Weather I hunt as yesterday

Friday Jan 20

Cold brook as yesterday went to Mr. Reed's

Saturday Jan 21

Settin more wood chopping wood

Sunday Jan 22

Cloudy

Monday Jan 23

Snow storm I went to town
did some jobs

Tuesday Jan 24

Clen I cold getting wood

Wednesday Jan 25

Cold Getting wood

Thursday Jan 26

Cold Getting wood

Friday Jan 27

Cold Getting wood

Saturday Jan 28

Cold Getting wood

Sunday Jan 29

Cold

Monday Jan 30

Pleasant Getting wood

Tuesday Jan 31

Pleasant - Getting wood this month
has been very cold went to Mr. Reed's

Wednesday February 1 1865

Cloudy Went to Pelham

Thursday Feb 2

Clen will hunt to I know brought Cow

Friday February 3 1865

Cutting wood at the Plains

Saturday Feb 4

Cloudy Shaking Hauling wood cutting

Sunday Feb 5

Cloudy With Snow squalls

Monday Feb 6

Pleasant - Saved wood went to
J. E. McLeod with Mr. Heald

Tuesday Feb 7

Pleasant - Saved wood went to
L. Dows with Mr. Shipley

Wednesday Feb 8

Had a heavy Snow Storm last night
Misty this morning. Clearing

Thursday Feb 9

Pleasant - Clearing

Friday Feb 10

Cloudy with an occasional small squall
went to town saving wood

Saturday Feb 11

Very Cold - Saving wood

Sunday Feb 12

Cloudy & very Cold

Monday Feb 13

Fair & Cold - Saving wood

Tuesday Feb 14

Fair & Cold - Saving wood

Wednesday Feb 15

Very Pleasant - Saving wood. Then
had a sleigh ride to Mashua & Shiglis

Thursday Feb 16

Misty - nearly a foot of snow fell last
night & much cut in the night

Friday Feb 17

Pleasant - Saving wood

Saturday February 13 1865

Pleasant I sawed wood went to milk
milk & hauled little in the shop

Sunday Feb 14

Clear & cold, but an occasional squall

Monday Feb 20

Pleasant went to town at 10 o'clock

Tuesday Feb 21

Pleasant went to his woods & saw

Downy Woodpecker on my wood

Wednesday Feb 22

Pleasant at dinner the door

Thursday Feb 23

Cloudy went to Washburn sawed wood

Friday Feb 24

Pleasant went to Hales Mill

Physic wood

Saturday Feb 25

Pleasant went to Washburn chopped
wood hauled wood home

Sunday Feb 26

Barny

Monday Feb 27

Pleasant at work on the river

has been told Tuesday Feb 28 this week

Squally at 10 o'clock in the evening

Wednesday March 1 1865

Cloudy at dinner the door

Thursday March 2

Cloudy hauled yesterday

Friday March 3

Rainy Company

Saturday March 4

Rainy Company

Sunday March 5

Pleasant

Monday March 6 1865

Pleasant & Clearing wood
Tuesday March 7

Pleasant Hauling manure

Wednesday March 8

Pleasant Hauling manure

Thursday March 9

Rainy Coopering

Friday March 10

Coopering Barn

Saturday March 11

Pleasant Coopering & Hauling
manure

Sunday March 12

Very Cold Windy

Monday March 13

Pleasant Hauling manure
one of the sheep & horse lamb

Tuesday March 14

Cloudy & a storm

Officers Elected for Ward No 9
for select men

Mr. In Amos Charles at Head

Stark Wood at Foot of Main Clock

Wednesday March 15

Windy & quite a hard meeting

Thursday March 16

Rainy Coopering Head & bluebirds

Saw the first bayon this season

Friday March 17

Rainy this morning but cleared

Coopering

Saturday March 18

Windy had to show

Coopering Head to Aunt Hanssacks

Sunday March 19

Pleasant

Saturday April 15 1865

*

Pleasant Morning for Sam
There was a shudder & excitement
in Washington last by which the
President lost his life Secretary
Seward & his son are thought to be
mortally wounded

Went to J. Gaynes

Sunday April 16 1865

Pleasant

Monday April 17

Pleasant Morning for Sam

Tuesday April 18

Pleasant Morning for Sam

Wednesday April 19

Pleasant Morning for Sam

Henry & his wife to Popperell

See come yesterday his wife come

Monday. Linned the sheep out

Thursday April 20

Pleasant Morning for Sam

Striped his calf

Friday April 21

Buety Morning for Sam

Saturday April 22

Buety. Pleas. in the afternoon

What P. & S. was did some jobs

Sunday April 23

Pleasant

Monday April 24

Pleasant Morning for Sam

Tuesday April 25

Pleasant Morning for Sam

Wednesday April 26

Pleasant Morning for Sam

Thursday April 27

Went to the market for the week

Friday April 28 1865

Very little rain in the evening
(Gathering in the Garden)

Saturday April 29
Barny went to the Dutcher's place
where the family came to day

Sunday April 30

Pleasant. Who looks have come

turned the cattle to pasture this morning
Pleasant Monday May 1 1865

Pleasant at the Barny P. Dr

Went to J. Dutcher's place to see

Tuesday May 2

Pleasant. Picked some

Wednesday May 3

Pleasant. Picked some and cultivated

my planting ground

Thursday May 4

Pleasant. Planting P. tuberosa

Friday May 5

Pleasant. Rainy this evening

Planting P. tuberosa

Saturday May 6

Cloudy with rain this afternoon

Planting Corn & recharing manure

Sunday May 7

Pleasant. Went to the Dutcher's place

to pick some. Good day. Some

Monday May 8

Pleasant. Took up seed to

Grubbs to town & to the Ditches

Tuesday May 9

Barny

Wednesday May 10

Pleasant. Harvesting the crop of the house

Thursday May 11

Rainy. Harvested the corn & some of the
wheat. Good day

Monday March 20 1865

Pleasant Clearing

Tuesday March 21

Pleasant Cut some wood at the
plains jobbing

Wednesday March 22

Rainy jobbing

Thursday March 23

Pleasant Getting wood from
the plains

Friday March 24

Pleasant Getting wood from the plains

Saturday March 25

Pleasant Getting wood from the
plains sent to an Express meeting

Sunday March 26

Pleasant

Monday March 27

Pleasant Chopping at the plains
for Sam

Tuesday March 28

Went to Waverly, I to cut

Harmon's mill

Wednesday March 29

Pleasant Went to the bank for
which has sold 1900 shares to
Jesse Woodcut for \$3,250.00
Chopped wood

Thursday March 30

Rainy Chopped wood sent to
J. W. Reeves for saw rap roots

Had a pair of Carrots last night

Friday March 31

Rainy jobbing Had 3 Carrots
come last night

This morning been
removable Pleasant

Wednesday April 1865

Pleasant Johnny Nielsen
dropped me off at night

Monday April 2

Pleasant Pat White Horse
Went to Pepperell to mill

Tuesday April 3
Pleasant Spaulding Harrow
Ploughing & harrowing

Wednesday April 4
Cloudy with storm sent him
Ploughing here to Mr. Merrill's
and Mr. Hill's Geese

Thursday April 5
Standing Harrow went to
Mr. Farley's

Friday April 6
Cloudy rain in the afternoon
Standing Harrow & ploughing
in the forenoon ploughed for Sam
with the horse in the afternoon

Saturday April 7
Pleasant at work for Sam

Sunday April 8

* Summerville Monday April 9
Pleasant Gen. Lee & his army

Cloudy with rain Sowing

Tuesday April 10
Cloudy finished sowing looked for Sam

Wednesday April 11
Rainy Johnny went to B. Maynard
Pleasant Thursday April 12
at work

Friday April 13
Pleasant at work for Sam

Friday May 12 1865

Wet but cleared hauled loam
I planted corn

Saturday May 13
Pleasant Planting corn

Sunday May 14
Pleasant

Monday May 15
Pleasant Planting corn

Tuesday May 16
Pleasant Finished planting corn
Hauled some loam helped some

Wednesday May 17
Very hot went to Marshes got wood

Thursday May 18
Bunny Worked on the highway
in the afternoon went to Fishkill

Friday May 19
Bunny & Cloudy

Saturday May 20. Windy
Stormy most of the day Very warm

Sunday May 21
Pleasant Sold two calves to
Mr. Layton yesterday

Monday May 22
Daisy Went to town & to Mrs.
Franklin's place Sold pig here to
Mr. Layton for \$5.00

Tuesday May 23
Bunny & Cloudy

Wednesday May 24
Pleasant Went to Father's church

Thursday May 25
Pleasant Went to Father's house

Friday May 26
Pleasant Went to Dr. Smith's
and planted my garden May 27 1865

Saturday May 27 1865

Cloudy Warm but dry heat
I did some work

Sunday May 28

Barny

Monday May 29

Cloudy but cleared most with
I rode out to Beppell & Brookline
to look at some houses

Tuesday May 30

Pleasant - Barny

Wednesday May 31 Very cold

Pleasant - Sleety - The sun was

Thursday June 1 1865

Pleasant - Sleety - Went to B. & R. R.

Friday June 2

Pleasant - Went to Washburn

cultivated some corn

Saturday June 3

Pleasant - Sheared my sheep

Sowed some corn

Sunday June 4

Pleasant

Monday June 5

Cloudy with a little rain. Set some
cabbage plants. Shaped some wood.
Self and Sam went to Dunstable &
bought a horse

Tuesday June 6

Pleasant - Rained the horse back
as he did not suit me very well

Wednesday June 7

Pleasant - Self and Sam

Thursday June 8

Self and Sam

Friday June 9

Self and Sam. Saturday June 10
Self and Sam. Sunday June 11

Saturday June 10 1861

Windy the first a heavy shower last night
Jabbing went to Terich's to house

Sunday June 11

Pleasant

Monday June 12

Pleasant Went to Mr. Reed's
Shaying

Tuesday June 13

Pleasant Went to Mr. Reed's
to inspect exhibit of 26 horses
in search of a horse

Wednesday June 14

Pleasant Went with Mr. Reed
to inspect I bought a horse of Capt. F. H. H. for
\$130

Thursday June 15

Cloudy Stood my horse out
horse show

Friday June 16

Windy Jabbing hands some work
from the farms

Saturday June 17

Very hot - went to Clark's
about shorn keese

Sunday June 18

Cloudy

Monday June 19

Jabbing went to town I to J. M. Reed
to sell a tract of mowing machine

Tuesday June 20

Pleasant Went to Mr. Reed's
shaying

Wednesday June 21

Pleasant Shaving

Thursday June 22

Pleasant Went to Mr. Reed's
shaying

24
Friday June 23 1865

Pleasant Hazy Henry Hope
has been here for several days

Saturday June 24
Pleasant - finished Henry

Sunday June 25
Pleasant

Monday June 26

Pleasant I went to Warren

Tuesday June 27

Pleasant Went to Chelmsford
I bought a house of Calvin Whight

Wednesday June 28

Pleasant Commenced to dig my

Thursday June 29

Cloudy dug a little

Friday June 30

Pleasant Hazy

Saturday July 1 1865

Pleasant Had a shower Hazy

Sunday July 2

Rainy

Monday July 3

Buoy

Tuesday July 4

Pleasant Hazy

Wednesday July 5

Pleasant Hazy dug some shale

Thursday July 6

Pleasant Hazy dug for some

Friday July 7

Pleasant Hazy dug for some

Saturday July 8

Hazy had Clouds went to Warren dug my pen D. 100

Sunday July 9

Cloudy had Clouds dug my pen D. 100

Pleasant Monday July 9

Monday July 10, 1861

Pleasant Day my pen Sam

Tuesday July 11

Chelsea

Pleasant Day my pen C. Susan & J.

Wednesday July 12

Pleasant Day my pen Sam

Thursday July 13

Cloudy with a slight shower.

Went to Clarke's Wood Sam. & others

Friday July 14

Pleasant Day my pen Sam & myself

Saturday July 15

Pleasant Day my pen Sam & myself

Sunday July 16

cloudy

Monday July 17

Went to mill

Tuesday July 18

Pleasant Day my

Wednesday July 19

Pleasant Day my

Thursday July 20

Cloudy but cleared Day my

Friday July 21

Pleasant Day my pen Sam & myself

Saturday July 22

Cloudy but cleared Day my pen Sam

Sunday July 23

Pleasant

Monday July 24

Pleasant Day my pen Sam

Tuesday July 25

Pleasant Day my pen Sam & myself

Wednesday July 26

Chelsea

Pleasant Day my pen Sam & myself

Thursday July 27. '865

Cut same Cat I got in my own

Friday July 28

Friday July 28th
Dressm't Wash to Gates brook. Cut
Gat in Sams cat.

Put in same caps

Saturday July 28

Pleasant Rest to Ashura & town

Sunday July 29

Pleasant

Spiegelberg, 1884

Leasant. Went to R. at Laguna
to Mr. Bunker's got some corn
into the house.

to Mr. Partridge. Got some answers
into the paper.

into the Leggers

Friday July 3^d

Pleasant hunting out Cleese

Mrs. B. & C. C. C. C.

Wednesday August 1/1845

Very Ant. Sunday noon
from J. Dates last

Thursday Aug 2
Hawkins bog.

Thursday Aug 2

hunting birds

Thursday Aug 3

Key hat - Student bought

Friday Aug 24

Very Res. Servant Yours

February 1855

Very that has already shown the same
turning back

Wishing Good

Simon M. O'Neil

Country House East

Monday Aug 1

Slavery Gallies

Leinster 2nd Dec 87

Pleasant Garden Nov 22

St. Louis, Mo. Aug 9

Please not flatter my words

Laurel August 11 1865

Pleasant fine. Am. Cab

Monday Aug 11

Pleasant had a shower

up in wood

Tuesday Aug 12

Pleasant. Car. Churning 1st

Monday Aug 13

Pleasant

Tuesday Aug 14

Pleasant. Went to the woods

Wednesday Aug 15

Pleasant. Went to class

Puller beam

Thursday Aug 16

Pleasant. Went to the woods

Friday Aug 17

Pleasant. Telling Sat. with Capt.

Smith last night

Saturday Aug 18

Pleasant. It took a great work

Sunday Aug 19

Pleasant. At Harbor the bridge

Monday Aug 20

Pleasant

Tuesday Aug 21

Pleasant. It took on bridge

Wednesday Aug 22

Thursday. Went to Mill worked on

Bridge in the afternoon

Friday Aug 23

Pleasant. Worked on bridge

Saturday Aug 24

Pleasant. Worked on bridge

Sunday Aug 25

Pleasant. Worked on bridge

Monday Aug 26 Pleasant

Worked on bridge

Sunday Aug 27 1865

Clear

Monday Aug 28

Pleasant at herb bridge

Tuesday Aug 29

Pleasant - Working on bridge

Wednesday Aug 30

Pleasant - Went to a fair in

Rocky point - worked on bridge

Thursday Aug 31

Pleasant at herb bridge

Friday September 1 1865

Very hot - worked on bridge

Saturday Sept 2

Hot - worked on bridge went to North

Sunday Sept 3

Pleasant

Monday Sept 4

Hot at herb bridge

Tue Tuesday Sept 5

Working on bridge

Wednesday Sept 6

Pleasant at herb bridge

Thursday Sept 7

Pleasant at herb bridge

Friday Sept 8

Pleasant at herb bridge

Saturday Sept 9

Pleasant Cutting up corn

Sunday Sept 10

Clear

Monday Sept 11

Pleasant - Carried for horse

I hope to go to Depo - Cut up corn

I worked hard

Tuesday Sept 12

Pleasant - worked hard - Henry's horse came

Wednesday September 13 1865

Pleasant & moved early & dug potatoes
Henny kept -

Thursday Sept 14

Pleasant Dug potatoes & husked fence

Fenny went to Ashmun & husked
for Washburn & Arsenius corn

Friday Sept 15

Pleasant Dug potatoes went to town

Saturday Sept 16

Very henny & sultry

Sunday Sept 17

rainy husked corn dug potatoes

Tuesday Sept 20

Pleasant Dugging potatoes &

Getting in corn

Wednesday Sept 21

Pleasant Dugging potatoes & fence

Thursday Sept 22

Pleasant Picking apples for Sam

Friday Sept 23

Pleasant Picking apples

Saturday Sept 24

Pleasant went to Ashmun husking

Worthen Patterson corn to dig corn

Sunday Sept 25

Pleasant

Monday Sept 26

Pleasant had a slight shower sent to

husking sent to L. Hales

Tuesday Sept 27

Pleasant husking for Sam

Wednesday Sept 28

Pleasant husking had frost

Thursday Sept 29

Pleasant husking machines

Friday September 30 1865

Pleasant Breeze, good fishing
this month has been that I try
many of the well known sailing
boats

Saturday October 1
Pleasant went to Clarksburg to
town fishing

Sunday Oct 2
Pleasant had a sprinckle last night

Monday Oct 3
Pleasant Standing wood

Tuesday Oct 4
Pleasant Standing wood

Wednesday Oct 5
Barny Standing wood

Thursday Oct 6
Pleasant, Rich my Chestnuts

Friday Oct 7
Pleasant Standing wood

Saturday Oct 8
Pleasant Standing wood & presiding fair
Sunday Oct 9
Barny

Monday Oct 10
Pleasant cutting wood & standing hay

Tuesday Oct 11
Pleasant Standing, Stone & best Chestnuts
I could not find any

Wednesday Oct 12
Pleasant Standing wood

Thursday Oct 13
Cold & windy had heavy shower last night

Friday Oct 14
Pleasant Standing wood
Saturday Oct 15
Barny

Monday October 16 1865

Pleasant picked chestnuts
Tuesday Oct 17

Pleasant Planted wood
Wednesday Oct 18

Pleasant Planted wood
Thursday Oct 19

Rainy Friday Oct 20

Cold & windy made cedar &
picked stone & chestnuts
Saturday Oct 21

Cold & windy went to Martha's town
& to Mr. Lays saw 5 or 6 trees

Sunday Oct 22

Cold & windy

Monday Oct 23

Pleasant Ploughed Mink ground
Tuesday Oct 24

Pleasant Ploughed stock ground
went to D. Lays saw

Wednesday Oct 25

Pleasant Picked stone

Thursday Oct 26

Pleasant Ploughed stock ground
went to mill

Friday Oct 27

Windy storm went to mill cut across at the mill

Saturday Oct 28

Cold & rainy went to mill cut across

Sunday Oct 29

Cold & squally

Monday Oct 30

Pleasant went to Martha's Picked stone
Tuesday Oct 31

Cloudy rainy in the afternoon I mowed
the garden & corn patch here I ploughed it in
the morning the weather was clear

Wednesday December 11th 1855

Pleasant Manned the Deer garden
Ploughed it & did other jobs

Thursday Dec 2

Pleasant Hauling Coarse & getting

Friday Dec 3

Hauling Coarse & mud

Saturday Dec 4

Cloudy Hauling Coarse & getting

Have cut wood at the mill most evening

Sunday Dec 5

Pleasant

Monday Dec 6

Pleasant Hauling Coarse

Tuesday Dec 7

Pleasant Went to visit Harriet's tree
Hauling Coarse

Wednesday Dec 8

Pleasant Hauling Coarse same

Thursday Dec 9

Pleasant Breaking up

Friday Dec 10

Pleasant but cold & getting foggy got Pig of 1 Block

Saturday Dec 11

Pleasant Went to mill got load of wood

Sunday Dec 12

Pleasant

Tuesday Dec 13

Pleasant Went to Mrs Pease's house to see

Wednesday Dec 14

Pleasant Thinned trees cut wood

Thursday Dec 15

Pleasant Cut wood Went to Mrs Wright's -
trees got buried I Mr Worcester came yesterday
Cutting wood

Friday Dec 16

Pleasant Went to the ploughed Coarse cutting wood

Friday November 17 1863

Pleasant Got some patchers mended
Cut beef went to town

Saturday Nov 18

Pleasant John had cutting Gates lot of
beef went to town

Sunday Nov 19

Cloudy

Monday Nov 20

Got home beef from the place

Tuesday Nov 21

Rainy Faxed my father

Wednesday Nov 22

Helped J. Worley kill hog got lead board

Pleasant Thursday Nov 23 Cloudy & Rainy
Went to church

Pleasant Friday Nov 24 Cloudy & Rainy

Killed rabbit Cut an ash tree

Saturday Nov 25

Cloudy Got up some beef went to town
Mixed some hay & did other jobs

Sunday Nov 26

Cold & windy

Monday Nov 27

Pleasant & foggy

Tuesday Nov 28

Pleasant Went to Leesches & foggy

Wednesday Nov 29

Clear made fence by the river

Thursday Nov 30

Clear finished the fence & foggy

Friday Dec 1

Rainy but cleared foggy

Saturday Dec 2

Cloudy foggy

Sunday Dec 3

Cloudy Currier has been sick for a week

Sunday December 4 1865

Pleasant Fellinging

Tuesday Dec 5

Pleasant Got word from the plane

Out at night

Wednesday Dec 6

Pleasant As yesterday

Thursday Dec 7

Good turn Thanksgiving day

Sam & family were with us

Friday Dec 8

Pleasant Chopping in wood

Saturday Dec 9

Pleasant Chopping in wood ^{yes 2000} the morning

Sunday Dec 10

Pleasant Snow storm last night

Monday Dec 11

Pleasant Helped J. Farley fell log

Out about Went to town

Tuesday Dec 12

Pleasant Chopping wood

Wednesday Dec 13

Pleasant Chopping wood

Thursday Dec 14

Pleasant Chopping wood

Friday Dec 15

Very cold Helped Sam clear cut

Went to G. Bradley

Saturday Dec 16

Very cold Chopping wood

Chilly even

Sunday Dec 17

Pleasant

Monday Dec 18

Pleasant Chopping wood Chopping wood

Tuesday Dec 19

Pleasant Chopping wood

Wednesday December 20 1865

Apricot - Solbury

Thursday Dec 21

Windy Chopping not much done
Fishing

Friday Dec 22

Pleasant - Chopping wood

Saturday Dec 23

Pleasant Chopping wood

Sunday Dec 24

Pleasant

Monday Dec 25

Pleasant Felling

Tuesday Dec 26

Shower

Pleasant Went to Nashua Run Night

Wednesday Dec 27

Pleasant Drying but cleared 8 acres

Saw trap Goshawk shot

Thursday Dec 28

Cloudy with snow & rain Went to
with Sam & Arg it had ulcers on the small
small intestines so that it was not fit to eat

Friday Dec 29

Pleasant Went to mill Chopped wood

Saturday Dec 30

Cloudy with more chopped wood

Sunday Dec 31

Cloudy

Monday January 1 1866

Stormy Felling

Tuesday Jan 2

Pleasant Felling at the Cutting Saw

Wednesday Jan 3

Pleasant Went to wood Cutting wood

Thursday Jan 4

Pleasant Cutting hauling wood

Friday January 6 1846

Very Cold with heavy snow

Went for my largest buttoned top
Sabbath Jan 6

Very Cold working on wood

No sleighing yet

Saturday Jan 7

Cold & squally

Sunday Jan 8

Very Cold Therm at 22 below zero

Nothing has quite sick in the night
but not do much

Monday Jan 9

Cold cutting wood

Tuesday Jan 10

Pleasant working on wood

Wednesday Jan 11

Pleasant working on wood

Thursday Jan 12

Pleasant working on wood

Friday Jan 13

Clearing off the snow
broke a wheel

Saturday Jan 14

Snowy had some snow last night
went to the office broke a wheel

Sunday Jan 15

Cold & squally

Monday Jan 16

Fair & Cold Chopped wood

Went to the plains & did some jobs

Tuesday Jan 17

Snow storm did not do much

Wednesday Jan 18

Pleasant worked in the woods

Went to Charles Furness & A. Smith

Thursday Jan 19

Very Pleasant Went to the office

JANUARY 17, 1910.

NASHUA PROVISION MARKET

The meat boycott does not seem to be affecting the retail meat prices in Nashua for all the prices are remaining steady. Although there is no change in the prices of pork and lamb from last week, there is a tendency to a rise and by next week the prices may have gone up a bit. The demand is somewhat affected on account of Lenten observance. Fish is up a cent or two in price for the best quality. Butter is falling for new tub has dropped from 37 and 39 to 36 cents, and fresh eggs from 37 to 36 cents.

MEATS.

Bacon 28 cents.
Ham 28 cents.
Chuck 12 cents.
Hamburg 20 cents.
Porterhouse 30 cents.
Five rib roast 16 cents.
Three rib roast 22 cents.
Round 25 cents.
Rump 32 cents.
Sirloin 25@28 cents.
Corned beef 8@14 cents.

Lamb.

Roast 18@20 cents.
Chops 30 cents.

Poultry.

Fowl (fresh) 22 cents.
Roasters 28 cents.

Pork.

Roast 18 cents.
Chops 20 cents.
Salt pork 17 cents.
Lard (pure leaf) 18 cents.

FISH.

Haddock 8@12 cents.
Halibut 18@24 cents.
Salmon 25 cents.
Clams 25 cents a quart, 40 cents a peck.

Butter fish 15 cents.
Cod 7@12 cents.
Cod's cheeks 15 cents.

VEGETABLES.

Cauliflower 35 cents each.
Celery 25 cents a bunch.
New parsnips 5 cents pound.
Cucumbers 15 cents.
Lettuce 10 cents.
New cabbage 3 cents a pound.
Marrow squash 3 cents pound.

Potatoes.

New, 20 cents a peck.

GROCERIES.

Butter.

Tub, new, 36 cents.
New creamery, 37 cents.
Print, 28 cents.

Cheese.

Roquefort 45 cents.
Full cream 22 cents.
Swiss 35 cents.
Sage 23 cents.
Camembert 28 cents.

Eggs.

Fresh laid, 36 cents a dozen.
Western, 32@33 cents.

Molasses.

P. R. 50 cents.
Ponce 60 cents.
New Honey 25 cents.

Sugar.

Granulated 6 cents a pound.
Brown 5@5½ a pound.
Cut loaf 8 cents a pound.
Powdered 8 cents a pound.
Crystal Domino 45 cents a box.
Vinegar 25 cents a gallon.

FRUITS.

Bananas 15@20 cents dozen.
Lemons 25@30 cents dozen.
Florida oranges 15@35 cents dozen.
California navels 20@35 cents dozen.
Tangerine oranges 20@30 cents dozen.
Grape fruit 3 to 4 for 25 cents.
Spanish Malaga grapes 15 cents a pound.
Pineapples 15 cents.
Figs 15@20 cents a pound.
Dates 10 cents a pound.
Cocoanuts, 5 cents each.

FLOUR AND GRAIN MARKET.

Flour \$7 and \$7.25 a barrel.
Pastry flour \$6.50@6.75 a barrel.
Corn \$1.55 a 100 Wt.
Meal \$1.55 a 100 Wt.
Cracked corn \$1.55 a 100 Wt.
Oats 60 cents a bushel.
Gluten \$1.75 a 100 Wt.
Bran \$1.50 a 100 Wt.
Wheat \$2.00@2.10 a 100 Wt.

NASHUA Feb 3, 1910 PROVISION MARKET

Meat matters are rather shaken up at present and for this reason the Nashua dealers say that they do not like to give the prices of the various kinds. They report that in the big wholesale meat and vegetable houses in Boston the clerks are all standing around with apparently nothing much to do. By the latter part of the week, however, they say that the prices will be much more settled and they will be where they should be.

MEATS.

Bacon 28 cents.
Ham 28 cents.
Chuck 12 cents.
Hamburg 20 cents.
Porterhouse 30 cents.
Five rib roast 16 cents.
Three rib roast 22 cents.
Round 25 cents.
Rump 32 cents.
Sirloin 25@23 cents.
Corned beef 8@14 cents.

Lamb.

Roast 18@20 cents.
Chops 30 cents.

Poultry.

Fowl (fresh) 22 cents.
Roasters 28 cents.

Pork.

Roast 18 cents.
Chops 20 cents.
Salt pork 17 cents.
Lard (pure leaf) 18 cents.

FISH.

Haddock 8@11 cents.
Halibut 18@20 cents.
Salmon 25 cents.
Clams 25 cents a quart, 40 cents a peck.
Butter fish 15 cents.
Cod 7@10 cents.
Cod's cheeks 15 cents.

VEGETABLES.

Cauliflower 35 cents each.
Celery 15 cents a bunch.
New parsnips 5 cents pound.
Cucumbers 15 cents.
Lettuce 10 cents.
New cabbage 3 cents a pound.
Marrow squash 3 cents pound.

Potatoes.

New, 22 cents a peck.

GROCERIES.

Butter.

Tub, new, 37@39 cents.
Print, 40@41 cents.

Cheese.

Roquefort 45 cents.
Full cream 22 cents.
Swiss 35 cents.
Sage 23 cents.
Camembert 28 cents.

Eggs.

Fresh laid 37 cents dozen.
Western 32@34 cents.

Molasses.

P. R. 50 cents.
Ponce 60 cents.
New Honey 25 cents.

Sugar.

Granulated 6 cents a pound.
Brown 5@5½ a pound.
Cut loaf 8 cents a pound.
Powdered 8 cents a pound.
Crystal Domino 45 cents a box.
Vinegar 25 cents a gallon.

FRUITS.

Bananas 15@20 cents dozen.
Lemons 25@30 cents dozen.
Florida oranges 15@35 cents dozen.
California navels 30@35 cents dozen.
Tangerine oranges 20@30 cents dozen.

Grape fruit 3 to 4 for 25 cents.
Tokay grapes 10 cents pound.
Spanish Malaga grapes 15 cents a pound.

Malaga grapes 15@18 cents pound.
Delaware grapes 15 to 20 cents a basket.

Catawba grapes, 2 boxes for 25 cents.

Concord grapes, 10@12 cents a basket.

Pineapples 15 cents.
Oranges 20@40 cents dozen.
Figs 15@20 cents a pound.
Dates 10 cents a pound.

FLOUR AND GRAIN MARKET.

Flour \$7 and \$7.25 a barrel.
Pastry flour \$6.50@6.75 a barrel.
Corn \$1.55 a 100 Wt.
Meal \$1.55 a 100 Wt.
Cracked corn \$1.55 a 100 Wt.
Oats 60 cents a bushel.
Gluten \$1.75 a 100 Wt.
Bran \$1.50 a 100 Wt.
Wheat \$2.00@2.10 a 100 Wt.

Bart Hawley

1.50

Paul P. White

9/15

Feb 2

1978

1.50

5 45

Paid on 10/25 Postage

1.50

2 40

1.50 the same

1.50

1 03

1.30 super shoe

5 00

485

1.50

8 3

6 14

1.50

4 67

2 23

1.50

4 4

clo to Dan Marshall for clo

1.50

5 00

entire to Mother

1.50

1.50

5 33

1.50

19, 7

26 6

1.50

113 3

13 3

1.50

1 33

77 85

Sold Mptone 29 bush cedar apple

7 1/2 num

10

3 50

2

1

5 00

36

3 50

1

5 00

3 00

1375

5 00

5 00

4 00

2 50

5 00

5 00

5 00

05

11

5 00

2 00

John D. Deane

29.01

Came July 1, 1865

1.00

29.00

1.13

3849

3

4 00

5 00

5 00

3449

4349

5 00

5 00

4 00

1 89

2

1 41

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